

THE JOURNAL OF

ELECTRICAL WORKERS

AND OPERATORS



VOL. XLIII

17.5.7.

WASHINGTON, D. C.

AUGUST, 1944

no. B



2 2 There's a Laugh or Two!

(These boys are building LST's at Ambridge, Pennsylvania, and turning them out at record time, too.)

ANOTHER LOCAL HEARD FROM

I've read the WORKER month to month And sure as I'm alive, The correspondence pages show no news, From Local Number Five.

So here goes!

The Navy needed "boats" so they called on us They knew Number Five boys they could trust.

They knew Number Five boys would do their best,

To wire the boats to pass the test. So we wired the boats—the test they passed, And now our boys can feel at last, That Adolph Hitler and Tojo too, Rue the day Number Five came through-With boys who know how and show the way To send out boats from the U.S.A., To win the war-keep Democracy alive Is our contribution from Number Five.

> BUSS SADLER, L. U. No. 5.

OUR SONS

Somewhere in a foxhole over there, In the sky, on the sea or anywhere, They give their lives that we may live In a free world. What can we give? We can give a lot to our soldier sons, In planes, tanks, food and guns. There is something else written here, When they return-freedom from fear. They want a country without WPA, The fear of old age swept away. They want a job and the right to live. Is this too much for our country to give? Freedom and justice for this global ball, Not for a few but for us all; The right to work and the right to play, The right to a better, happier day. And when they come home again some day, Will you and I be able to say, "Yes, we have watched from sun to sun, We have saved your freedoms, every one," Or will we hang our heads in shame, Because we weren't men enough to play the game.

> CHARLES WEIDIG, L. U. No. 713.

'PON MY WORD

Like a wild orchid blooming in a torrid zone With the dew of evening accenting every tone, She reigned amongst the lesser roses, A lass of definite airs and poses.

No movie queen could claim a beauty rarer No queen-more stately bearer, No sweeter lips were made to kiss, Nor were there ever eyes like this.

But here's her claim to highest merit-Her riveting's a wow! I swear it! "LUCKY" CHRISTENSEN,

Wife of STANLEY F. CHRISTENSEN, L. U. No. 574.



CLASS OF '44 By Ted Munson L. U. No. 77

THE LIFE FOR ME

Keep your wines and beers and juicy steaks, I'll take my ration "K". Don't think you folks have all the breaks; I'm not lying when I say I'd take my fox-hole, dug with care, Before I'd swap with you For your biggest, softest easy chair, With pillows thrown in, too. I'll take my thirty-mile hike; It's now a part of me. Keep your motor car or bike, They're things I just can't see! You can come and go just as you please, I'll live by the bugle call. It doesn't bother me at all.

Now wait, before you start to guess—
Or begin with ifs and buts;
I will admit, I will confess. Your guess is right, I'm nuts! PVT. WILLIAM SEELICKE, JR.,

Formerly of L. U. No. 3.

MORE TRUTH THAN-

It seems that an electrician failed to report for work and the foreman called his house to see what was wrong and the electrician's young son answered the phone— Foreman—"Son, where is your father?"

Son—"He is in bed."
Foreman—"What is wrong with him?"
Son—"Well, you know he hurt his leg on
the job yesterday and COMPENSATION has

ED. R. ROBBINS. L. U. No. 72.

JUST GETTING ALONG

One of our Brother Electricians was traveling in what the politicians call the "Solid South." After the local meeting they adjourned to a nearby bar for a few beers. The subject turned to politics: "You know, Brother, down here, it's a dis-

grace to vote for a Republican.'
"Why, it is any place!"

RAY R. (JUICE) WELCH, L. U. No. 415.

"OH, SO SOLLY"

Are so grieve, we bitter weep Buck tooth boy she are no more He losing chance to promise keep Dictating peace at White House door.

For Yamamoto we so solly Ex-admiral of setting sun Lovely posy send by golly Delivery boy are U. S. gun.

For Admiral Koga, our grief are rife As stately leaders so soon depart He, saving face by using knife, Are making lump so near our heart.

Gracious leader, for sons of Nippon Serve only span of eleven moon, Are resting now at Port Saigon Oh, faithful one, depart too soon.

It are much fear of Yankee boy In heart of son of Rising Sun. With hari kari receive great joy, Also cut down MacArthur fun.

But Hirohito, prince of Shinto, Well knowing need of Japanese, Are now assign new Admiral Toyoda To cleaning Yank from seven seas.

So heeding please—Japan not winning Like Koga's boast—please not so bold. Hon. Admirals too much we losing. Yoshida next—feet getting cold?

Hirohito, please take warning To Fujiama start to pray, American boy who are so softy He are now commence to play.

Even now are doing nicely With gun and planes and ships and tanks From Attu to Salamau On Tojo's boy are playing pranks.

So piling up more stuff for soldier For transport ships and plane to carry Make so sad new Admiral Toyoda Force also make hari kari.

So good investment are a War Bond. Even stamp are oh so nice Making much exterminating For so honorable a lice.

T. G. OVERTON. L. U. No. 40. * * *

"D" DAY

(A definition) The day of DOOM for tyrants, Their total annihilation; The day of DELIVERANCE For every enslaved nation! A Bit o' Luck

ABE GLICK, L. U. No. 3.

During the past few months we received many humorous poems and funny jokes for which we say "many thanks." However, since hot weather began, contributions seem to be falling off. So come on Brothers, let's hear the funny side from all our locals. The Joke page is one of the most widely read in the Worker so do your bit!

Official Organ of the INTERNATIONAL

ELECTRICAL WORKERS and OPERATORS

PUBLISHED MONTHLY

G. M. Bugniazet, Editor

1200 Fifteenth St., N. W., Washington 5, D. C.

Contents

					1	Page
Frontispiece-Engineering School, Marquette	Univ	ersi	ty	_	-	282
I. B. E. W. Establishes Electronics School	-	-	-	_	_	283
Unionism of the Heart vs. Card Unionism	-	-	-	-	-	287
Electronics Is Revamping Jobs in Government	_	-		-	-	288
"Power Unleashed" Paints Electricity in Lay	Tern	ns	-	-	-	290
Soldier Views His Union from Battlefront					-	291
Des Moines Unionist Builds Lines Under Fire	-	-	-	-		292
	=				-	293
Labor Backs Management Cooperation in Brita						294
Work Conditions in Frontier Days				-	_	295
Executive Council Instructs Members on War	Cond	uct	-	=	-	296
Editorial	-	-	-		-	298
	100	-	-	-	-	300
	14	=	-	-	-	301
	1.5		-		177	303
In Memoriam					-	312
Death Claims Paid					-	315
Local Union Official Receipts	-	-	-	-		317

· This Journal will not be held responsible for views expressed by correspondents. The first of each month is the closing date; all copy must be in our hands on or before.

EXECUTIVE OFFICERS

International President, Edward J. Brown, 1200 15th St., N. W., Washington 5, D. C. 1200 15th St., N. W., Washington 5, D. C.

International Treasurer, W. A. Hogan, 647 South Sixth Ave., Mt. Vernon, N. Y.

common 7

VICE PRESIDENTS

First District E. INGLES
195 Dundas St., London, Ont., Canada
Second District John J. REGAN Rm. 239, Park Square Bldg., Boston 16, Mass.
Third District WILLIAM D. WALKER Room 402, City Centre Bldg., 121 North
Room 402, City Centre Bldg., 121 North Broad St., Philadelphia 7, Pa.
Fourth District ARTHUR BENNETT
Room 1517, N.B.C. Bldg., Cleveland 14, Ohio
Fifth District G. X. BARKER 905 Watts Bldg., Birmingham 3, Ala.
Sixth District M. J. BOYLE 4300 Lake Shore Drive, Chicago 13, Ill.
Seventh District W. L. INGRAM 3641 Laughton St., Fort Worth 4, Texas
Eighth District H. W. Bell. 504 Denver Theatre Bldg., Denver 2, Colo.
Ninth District J. SCOTT MILNE 910 Central Tower, San Francisco 3, Calif.
Railroads J. J. Duffy
330 South Wells St., Room 600, Chicago 6, Ill.

INTERNATIONAL EXECUTIVE COUNCIL

CHARLES M. PAULSEN, Chairman 4937 W. Cuyler Ave., Chicago 41, Ill.

First District HARRY VAN ARSDALE, JR. 130 E. 25th St., New York 10, N. Y.

Second District F. L. Kelley 95 Beacon St., Hyde Park 36, Mass.

Third District WILLIAM G. SHORD 2104-5 Law & Finance Bldg. Pittsburgh 19, Pa.

Fourth District ourth District C. F. PRELLER 2025 2nd St., N. E., Washington 2, D. C.

Fifth District DAN MA 130 No. Wells St., Chicago 6, Ill. DAN MANNING

Sixth District D. W. Tracy Eddystone Apartments, Washington 5, D. C.

Seventh District CHARLES J. FOEHN 200 Guerrero St., San Francisco 3, Calif.

Eighth District J. L. McBride 165 James St., Labor Temple, Winnipeg, Man., Canada

Magazine Chat

One of the good indications of the vitality of the union is the interest of our members in technical articles. Our reading public will notice that we have been having a great many articles lately dealing with the practical problems of the journeyman on the job. Andrew C. (Nick) Carter, Local Union 212, writes "The writer is pleased with results developing from the 'Can You Do It?' section of the WORKER. I hope the idea carries on and more of the Brothers all over the country send in their problems and solutions.

Of course one of our problems in respect to this, is that the JOURNAL receives often a half-dozen solutions to a given problem and we have not the space, due to war conditions, to publish all the solutions.

Now that electronics is coming to the fore as a great new field of endeavor, it will be necessary for the JOURNAL to stress more and more the technical aspects of our craft. The reading Brothers can, of course, help in this by sending in their problems and by sending in articles bearing on technical solutions.

Another local union has come forward with a publication. This is Local Union B-11, Los Angeles, one of the largest inside local unions of the Brotherhood. Theirs is an eight-page Journal called "Busy B-11," of large format, colored cover, many illustrations and good copy. In the June 1944 issue, which is issue No. 1, a map of the domain of Local Union B-11 is shown covering the six districts and picturing the local union headquarters in each district. It is most attractive. The publication points out that Los Angeles County is a huge domain in itself, covering 4,080 square miles, three times the state of Rhode Island. It is this great domain that Local Union B-11 is serving.



Engineering School

Marquette University

Milwaukee

I. B. E. W. Electronics School



THE JOURNAL OF ELECTRICAL WORKERS AND OPERATORS

OFFICIAL PUBLICATION OF THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS

Entered at Washington, D. C., as Second Class Matter. Acceptance for mailing at special rate of postage provided for in
Section 1103, Act of October 3, 1917, authorized March 28, 1922.

NGLE COPIES, 20 CENTS SEED-" \$2.00 PER YEAR, IN ADVANCE



VOL. XLIII

WASHINGTON, D. C., AUGUST, 1944

NO. 8

J.B.E.W. Establishes Electronics School

THE International Brotherhood of Electrical Workers has established a national electronics school in connection with the Engineering College of Marquette University, Milwaukee, Wisconsin. The school is designed to meet a major need of this organization to retrain journeyman mechanics to service and maintain electronics machines.

The course is designed to qualify the students in the main rudiments of electronics, so they will be able to perform the work, as well as to train them as instructors, who are expected to return to local unions and to organize classes, so that between 20,000 and 25,000 mechanics can be retained in a single year. Each course will run for six weeks, and there will be eight courses, the first one beginning November 1, under the direction of the faculty of the Engineering College of Marquette University. The course, however, will be designed to meet the present needs of the I.B.E.W. craftsmen and will be laid out in cooperation with I.B.E.W. members who have already had experience in electronics courses. The school will be operated jointly by the International Office furnishing the course and local unions or students paying for their transportation and keep while taking the course.

A letter has been sent out by the president and secretary of the International Brotherhood to all local unions directing the attention of the local union officials to this great need and great opportunity, and requesting their full cooperation. Prior to the sending of this letter, conferences had been held with local union officials throughout the country, and opinion was sounded by the International Office and assurances of cooperation had already been given. President Brown, speaking in Philadelphia in April, forecast the establishment of an electronics school. A number of local unions throughout the country have already sought to meet the situation by establishing their own classes in electronics, using the instructors in Navy centers and in universities. These schools will not in any way conflict with the national electronics school in Milwaukee.

WE MUST MEET THE CHANGES

President Brown issued this statement in regard to the establishment of the school: "All through the war years we have been aware of the great changes in the type of work for our members in the electrical industry. The National Joint Apprenticeship Committee has thoroughly canvassed these changes as has the International Office. The electronics industry now is reputed to be a four-billion-dollar industry and from a thoroughgoing investigation by me in this field, it may be that the electrical industry will have to make radical changes so as to meet the requirements of the electronics industry. There is already noted a great shortage of manpower for maintaining electronics machines. Some of the big electrical manufacturing corporations have themselves developed correspondence courses in electronics to meet the shortage of manpower and to meet this need.

"In view of the fact that the International Brotherhood of Electrical Workers has the majority of skilled men in the electrical industry, the industry must look to the union for trained men in the electronics field. Electronics electricity is an advanced branch of the electrical industry. It is but natural that skilled mechanics already engaged in utility, maintenance, railroad, radio and electrical installation will furnish the best type of workmen to enter and train members in the new field of electronics.

"I need not stress the crisis in the affairs of the organization. It is plain. If the International Brotherhood of Electrical Workers does not meet this dire need and train the men to install, maintain and man the new electronics machines, the organization may find itself soon 'all dressed up and no place to go' and the members losing work opportunity."

The National Joint Apprenticeship Committee, struggling with the problem of standards in the electrical industry, sees the new national electronics school as but an extension of the training that the Brotherhood has been giving its men over a period of many years. The National Apprenticeship Standards promulgated by the unions and the contractors state: "Postgraduate courses are desirable that journeymen may keep pace with this changing science. As viewed by the electrical construction industry, general training should and does precede specialization on the part of the apprentices or the journeymen."

IMPORTANCE OF ELECTRONICS

H. W. Maher, President of the Electrical Maintenance Society, Chicago, a post-graduate group, had this statement for the situation in the electrical industry today in a recent number of the official Journal: "Industrial electronics is one of the most important branches of the electrical industry today. Under the stress of the war production program hundreds of new electronic applications are in use in the manufacturing plants of America. This year industrial electronics is regarded as a four-billion-dollar business. This financial figure ranks the electronics industry among the top industries of this country."

Milwaukee was chosen as the place for establishing this school for a number of reasons. In the first place, it is accessible to nearly every part of the country and to Canada. It is 80 miles from Chicago and Chicago is probably the greatest railway center in the United States. Moreover, good cooperative relations exist between the unions in Milwaukee and employers. There are strong local unions of the Brotherhood in Milwaukee.

The principal reason, however, is that Marquette University has a long record of cooperative relations between the Engineering College and the industries in Milwaukee. In addition to being a school that serves the city intimately, it has attracted students from every part of the country. Marquette University has played a spectacular role in the development of the industrial life of the city itself. It is used to giving industrial courses to personnel of large groups. However, this is the first time that any union has used in the same way the facilities of the College of Engineering. Strong industrially, Milwaukee will offer the opportunity for I.B.E.W. students



W. D. BLISS

Dean of Engineering School

Director of I. B. E. W. Course.

at Marquette to visit great plants where electronics machines are at work. Some of the outstanding industries in Milwaukee are electrical. Allis Chalmers, a great electrical firm, has had long-time relations with the I.B.E.W. The A. O. Smith Corporation, which is noted for its production of automatic machines, has also had relations with the union. Nearly every type of large industrial organization is present in the Milwaukee area.

In addition to having good cooperative relations with great firms in the city itself, Marquette University has had cooperative relations with the Baldor Electric Company, St. Louis, Missouri; Electromotive Corporation, La Grange, Illinois; Nash-Kelvinator Corporation, Kenosha; the TVA, Wisconsin Electric Power Company and Wisconsin Telephone Company.

The university, in addition to the College of Engineering, operates a College of Liberal Arts, College of Business, Administration, Journalism, Nursing, School of Speech, Dental School, Law School, School of Medicine and Graduate School.

William D. Bliss is the dean of the College of Engineering and director of industrial relations. He is a practical engineer that has come out of business into school work. He has degrees in chemical engineering. He started life as a machinist and knows the labor point of view. Two assistant professors, Professor Edwin L. Cordes, electrical engineer, and Professor Edward W. Kane, electrical engineer, will be active as teachers of the I.B.E.W. electronics courses. H. W. Maher, member of the union and president of the Chicago Electrical Maintenance Society, will be a consultant in this field, and another instructor from the Brotherhood will make up the faculty.

Faculty
William D. Bliss, Dean
Edwin L. Cordes
Edward W. Kane
H. W. Maher

THE CITY OF MILWAUKEE

Milwaukee is a city of about 800,000 population. Its wide spread industries are world famous:

World's largest tanneries.

World's largest tinware and enameling center.

Leads the world in outboard motor production.

Leads in the manufacture of padlocks.

Leads the world in Diesel engine production. Manufacture of largest Herringbone gears.

Manufacture of world's largest ore crusher.

Manufacture of excavator machinery.

Manufacture of wheelbarrows.

Manufacture of automobile frames.

Manufacture of largest cranes and hoists.

Largest producers of tractors.

One of foremost insurance companies.

Foremost in silk hosiery manufacturing.

Foremost in work shoe manufacturing.

Foremost in motorcycle manufacturing.

Foremost in cement machinery, road paver, etc., manufacturing.

Foremost in malt products.

Foremost in leather gloves and mittens.

Second in production of candy.

Second in production of trunks and bags.

Third in boots and shoes.

Third in knit goods.

Third in paper goods.

A leader in packing industry.

A leader in education.

The I.B.E.W. course will be designed to meet the needs of the I.B.E.W. men who are taking it. It will not be beyond their attainments. Though the equivalent of a high school course in mathematics will greatly aid the student, it is not necessary. The student must be a working journeyman preferably. He should have already had some experience leading to an understanding of electronics, although this is not a necessity. The course will have two purposes in mind: to train the mechanic to go out on a job to install and maintain electronics machines of the general types, and to fit the student to, in turn, become an instructor in the local union so that he can return to the local union and organize a class of at least 25 mechanics at home. It is expected that the new course of Westinghouse Manufacturing Company will be entirely adequate for the classes at home. This class is built on modern lines with films, phonograph records, charts and tests.

The course at Marquette, on the other hand, will move on the basis of talks, laboratory work, where men will actually work with electronics machines under direction, and visitation of plants.

All the I.B.E.W. students will be housed in a hotel near the campus leased by the International Brotherhood of Electrical Workers. Moderate rates will be charged.

WHAT THE PLANNED WORK DOES

The cooperative system of engineering training at Marquette is described as follows by the University:

"For the 24 years during which Marquette used the cooperative system, the course was of five years duration. The first two years were spent in continuous instruction, except for summer vacations. In the last three years each student alternated between a four-week period in school, and a four-week period as an engineering apprentice in one of Milwaukee's industries. Placement in this practical work was under the direction of the Department of Industrial Relations.



Courtesy Milwaukee Association of Commerce

ONE OF THE INDUSTRIAL SECTIONS OF MILWAUKEE

"In general the work given cooperative students was planned by the companies to be educational, and acquaint the men with their product and its mode of manufacture, and usually resulted in an opportunity to work for the company after graduation as an engineer in production, development, design, or sales. A high percentage of the graduates have remained with their cooperative firms, and are working in or near Milwaukee.

"The experience of the college has been that the wages received have enabled the men to acquire an education with less financial assistance from home, and have been the means of giving men of ability but limited means, the opportunity to achieve their proper place in society. It has been found that firms employing cooperative students believe that they acquire information faster than men coming to them from a standard four-year course. It has also been found that men absorb theoretical instruction given in class the better for having a simultaneous industrial experience. It is believed that men unsuited for engineering discover their limitations sooner under the cooperative course, and therefore waste less time in transferring to other branches of study. Experience with the cooperative system has shown it to be a distinct help in choosing a course of studies. It has also proved an aid for those who wish to change positions at graduation, since they approach their new field with three years industrial experience. For these and other reasons it is Marquette's intention to resume the cooperative system of training at as early an opportunity as the unusual conditions brought on by the war will permit.'

Because of the importance of viewing the national electronics school project as a whole, there must be close and disciplined cooperation between the local unions and the International Office. If the proposal breaks down at any one point, great damage will be done to the whole. It will be necessary that each local union send at least one man to the Milwaukee school. At least one class of 25 men must be operated by the local union on the return of the instructor. The cost to the local unions for this local course will be very low.

So important is the Westinghouse course which will be used by the local unions that we give a full description of this course here.

ELECTRONICS AT WORK

A Training Course in the Theory and Application of Electronics

PURPOSE AND AVAILABILITY

This course is designed to give in a clear, understandable manner the basic principles and application of electronics in industry.

Prepared primarily for Westinghouse employees, it presents the coordinated thinking of Westinghouse engineers specializing in electronic devices.

Because of many requests from engineering groups and individuals interested in electronics, Westinghouse is making the materials available to others at reproduction cost.

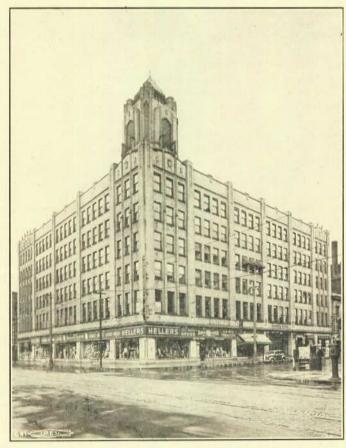
METHOD OF PRESENTATION

The course is presented in 10 parts. Each part is covered by one or more sound-slide films, lesson books, quiz books, and an instructor's manual.

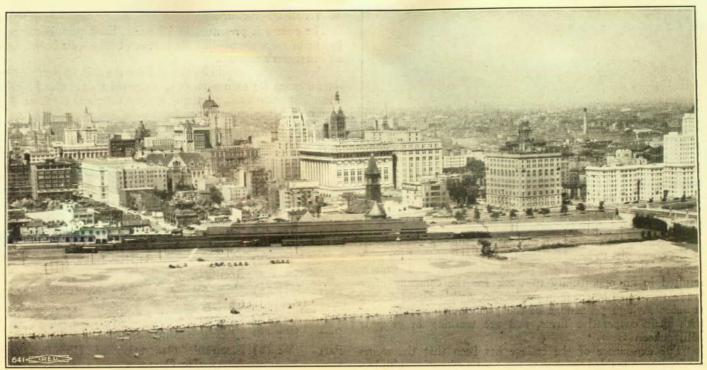
Twenty hours should be allowed for the full 10-part course—two hours for each part. It is suggested that classes be held one night each week, thus giving class members a chance for review and supplemental reading.

SUBJECTS COVERED

- Part I: (a) Electronics and the Electron Theory of Matter.
 - (b) Electron Movement during Current Flow through Metal Conductors.
 - (c) Emission of Electrons and their Controlled Flow through Vacuum and Gases.
- Part II: (a) Theory of Current Rectification by Vacuum Tubes.
 - (b) Kenotrons . . . High-voltage, Low-current Rectifiers.
- Part III: (a) How Gas in a Tube Neutralizes Space Charge.
 - (b) Gaseous Rectifier Tubes.
- Part IV: (a) Electronic Amplification.
- Part V: (a) Electronic Generation of High-frequency Alternating Currents.
- Part VI: (a) Electronic Oscillators for Radio and Carrier Current Transmission.
- Part VII: (a) Basic Circuits for Electronic Control.
- Part VIII: (a) Industrial Applications of Electronic Regulation.
- Part IX: (a) Industrial Applications of Electronic Control.
- Part X: (a) Electric Conversion of Light into Electricity . . . and Electricity into Light.



Modern office building which houses modern offices of L. U. No. 494.



Courtesy Milwaukee Association of Commerce

CITY OF MILWAUKEE LIES ON LAKE MICHIGAN

MATERIAL FOR THE COURSE

Sound-Slide Films and Records for the 10 lessons give clear, visual explanations of basic theory and applications. (For use with standard sound-slide-film equipment.)

Ten Lesson Books in handy pocket size, reproducing the subject matter of each lesson, are provided for each member of the class. These afford a convenient means of review and supplemental study.

Pictorial Quiz Books that make examinations interesting and effective, are supplied for mid-course and final review of the subjects covered.

An Instructor's Manual—giving suggested classroom procedure—is provided with the complete course.

Informative Booklets on Westinghouse industrial electronic equipment are supplied free with the complete course. These include Ignitron Rectifiers, High-frequency Heating, Resistance Welding, Power Line Carrier, Rototrol, Sealed Ignitron, Electronic Tube Data sheets.

LETTER SENT TO LOCALS

The following official communication addressed to all local unions of the Brotherhood was sent on July 15 by President Brown and Secretary Bugniazet:

International Brotherhood of Electrical Workers

July 15, 1944

TO ALL LOCAL UNIONS:

Greetings.

A crisis confronts the Brotherhood. This is no ordinary crisis. Ordinarily the union is used to crises. They confront us daily. This is an extraordinary crisis.

We refer to the swift transformation of the electrical industry from one kind of industry to a new kind, overnight. The transformation will test our skill as mechanics.

The electronics industry is now a four-billion-dollar industry. It is destined to become larger after the war. In fact, it will be the dominant part of the electrical industry. Electronic machines will be used everywhere for lighting, cooking, cleaning, in industrial production. These machines must be installed and maintained. They take new knowledge.

We have talked with members about this problem, conferred with vice presidents, talked with industrialists, and have decided something must be done. A few of our local unions have already set up classes in electronics.

Here is the Brotherhood plan:

The International Office in cooperation with the Engineering College, Marquette University, Milwaukee, Wisconsin, will establish an I.B.E.W. Electronics School. In this school during the course of the year 650 to 1000 journeymen are to be trained in intensive six weeks' courses. The classes are to number 80 to 85 members. These newly-trained men can return to their local unions and if they and the local union desire can train 25 to 30 journeymen each, using the excellent course prepared by the Westinghouse Manufacturing Company.

This is a great effort. It means the utmost cooperation between the members, the locals and the International Office. Utmost cooperation will bring the Brotherhood in line with events within a year. Please give immediate and careful attention to this proposal.

Fraternally yours,

Ed Brown

International President.

-GMBugnaget)

International Secretary.

HOW TO PARTICIPATE

Financing. Pay no money to the International Office. Pay no money to the university. The International Office supplies tuition free.

Eligibility. The students must be selected by the local unions. The local unions are to forward the names to the International Office. In the main, these standards should be observed.

A. Student must be a journeyman mechanic.

B. Preferably he should have the equivalent of high school (Continued on page 316)

UNIONISM of the HEART

us. Card Unionism

By M. L. RATCLIFF, L. U. 569

This is a story of fact not fiction. It really happened.

WENTY odd years ago when Local Union 569 was about two or three years old and had about 70 or 80 members, all real union men, one of the members was stricken with an ailment that seemed to defy all medical skill. Because he was a good union man and an active member, the local felt very badly about it and all the members were willing to do everything possible to help the afflicted Brother, even to lending him funds to seek the medical attention which was thought necessary to bring back his health. The membership was even more optimistic than the Brother and carried his dues for about a year, and when the Brother found this out he requested a withdrawal to which he was entitled, but he never deposited it as he thought he would never need it.

As time went on the Brother kept getting better in health and at the present time has just about recovered his health fully and is again a resident of San Diego. He was forced to seek a livelihood at some other than the electrical trade, but fortune smiled on him and he has not only regained the most of his health but recouped all and more of the small fortune that he had laid aside as a nest egg and today he is, as he puts it, "doing fine."

A MAN TRULY JUST

A few days ago he met one of the officers of the local, whom he had known for a number of years in San Diego and had known previous to coming to San Diego, and remarked that he thought that he must be indebted to Local 569 as they had been very good to him when he was unable to financially take care of his obligations. The questioned Brother asked the office about it and we looked up the records out of sheer curiosity and informed the former Brother, as he requested, of the amount of his indebtedness, and in the return mail was his check to cover the amount of the indebtedness plus interest for 201/4 years.

I could hardly believe my eyes when I opened the letter to see a check for \$237.67, which included the principal and interest at six per cent for 20¼ years.

I immediately got on the telephone to ascertain if the ex-Brother was sincere and was truly amazed to learn that he was not only sincere but very grateful for all that we had done for him in the past and asked if there was any way that he could again take out an active card with the local as he felt that he would like to affiliate with us once more and feel that he was in the union again,

One of those human interest stories which warm the cockles of every trade unionist's heart

even though he was in another line of business and doing very nicely financially.

He stated "I have always been a union man, not a card man, and always knew that I was indebted to Local 569 and if I ever was in a position to repay the local for what they did for me when I needed it, I would repay them, as my unionism is in my heart, not just on a card."

Knowing this Brother as I do from over 20 years acquaintance I know that he really feels that way and I will be only too glad to give him a new card in the International Brotherhood of Electrical Workers as I know that his influence on the newer and younger members will be for the good of the Brotherhood as a whole and Local Union B-569 in particular.

ANOTHER KIND OF BROTHER

The foregoing words bring many thoughts to my mind and many for-



HE SURVEYS HIS DESTINY

gotten names and faces to my recollections—Brothers who have moved away from the city and Brothers who have moved out of the union for many and various reasons. It also brings to my mind the members of the present day and time who are only carrying their cards, not for the good that it may do all members in the Brotherhood, but for the individual good that it will do them—the members who are always crying that the dues are too high and that they do not get anything out of the union.

Perhaps we need more members of the type of this ex-Brother who, if I can prevail upon him, will again be an active member, for I am firmly convinced that his influence on our present members will be for the good of the whole union.

I have hardly recovered from the shock of receiving the check but it is the kind of a shock that I believe could be experienced every day without too much harm to my constitution. I'll be glad to chance it!

FOLLOW EXAMPLE

I hope that some of the younger members of the Brotherhood will read this story and will become inoculated with the same kind of spirit that caused this Brother to pay his indebtedness after 20 years even though he was obligated in no way, except by his own conscience, but as he stated he knew he owed it and he could not be comfortable till it was paid.

Let's all try to be this kind of a loyal union member.

Here is my letter of acknowledgment. to our loyal union member:

June 14, 1944

"Dear Brother:

"Enclosed you will find our miscellaneous receipt number 501369, covering your indebtedness to Local Union B-569 in theamount of \$237.67 including interest at 6 per cent for 2014 years.

"Your extreme honesty and integrity leaves me almost speechless and knowing you as I have for over 20 years and knowing your physical condition at the time you incurred this indebtedness it comes as a very pleasant surprise.

"When you were active in the local when it was in its formative stage you were always wliling to help the man who was less fortunate than yourself and it was with this thought in mind that the local was willing to try to assist you in keeping your card active as long as you thought necessary.

"It is with a great deal of pride that I number you as one of the real Union men of my acquaintances. And I wish you to know and realize that this check only confirms my opinion.

"With all good wishes and the kindest of personal regards I remain as ever

"Sincerely and fraternally,

"M. L. RATCLIFF.

"Business Manager, L. U. No. B-569."

ELECTRONICS Is Revamping Jobs in Government

W HEN you go down to the post office to buy an ordinary three-cent stamp, or an air mail stamp, or a war stamp, you may well understand an important story lies behind that colorful piece of printing that you hold in your hand. Behind it lies a world of technical skill, mechanical ingenuity and man's patient triumph over material difficulties over a long period of years. For the U.S. Bureau of Engraving and Printing which produces all forms of stamps is one of the greatest technical institutes in the world. It has the best engravers, the best research persons, and scientists of undying patience work constantly to improve the process of engraving to prevent fraud and

ELECTRONICS ADDS NEW CHAPTER

Now a new chapter has been added to this history, a chapter in which the mechanical skill of workers and the prestige of the International Brotherhood of Electrical Workers and its local unions is involved. One difficult line control problem in the way of production of stamps has been solved through the utilization of electronics machines in the stamp section of the bureau. Stamps themselves are produced on rotary presses in rolls approximately 3,000 feet in length. These rolls are then taken to the stamp perforation room where the sheets themselves

Photo tubes control stamp perforation process in U. S. Bureau of Engraving. Union maintenance of electronics devices. Job descriptions written

must be perforated with undeviating regularity. In the early days of the history of stamp perforation the spoilage was great due to the sheer difficulty of subduing the mechanical deviations of the perforating machines. Now this spoilage has been reduced almost to a minimum by the simple utilization of a radio beam from a photo-electric cell which follows tenaciously an intermittent line placed on each sheet of stamps.

The Bureau of Engraving and Printing took over the work of printing U. S. postage stamps from the American Bank Note Company in 1895.

Total stamp production of the bureau has increased as follows:

1895-2,156,271,379 stamps. 1942-21,710,214,000 stamps.

PERFORATING PROBLEMS

The rotary press method of printing the stamps in rolls of approximately

ECTRONIC POSTAGE STAMP PERFORATOR, BUREAU OF ENGRAVING AND PRINTING This view shows electronic control panels

3,000 feet in length results in slight variations in the dimensions of the sheets. Each roll will contain about eighteen hundred sheets of 400 stamps per sheet.

Variations of as much as 3/32 of an inch in length per impression is not uncommon. Width of the web or sheet also varies as much as 1/4 inch.

These variations require constant adjustment in the perforator mechanism to keep the perforations within the limits provided between stamps. Perforations must not touch any part of the printing on the stamp.

The difficulties encountered in trying to make these continuous horizontal and vertical adjustments by manual controls were resulting in spoilage of more than 25 per cent. Philatelists were always complaining about the poor quality of the perforating and cutting work turned out by the stamp section.

In 1930 Mr. Henry J. Holtzclaw, chief of research and development engineering for the bureau, started working on the idea of using electronic controls to replace the manual controls on the stamp perforating machine.

The first machine with electronic controls was put in operation in 1932. This machine was so constructed that it provided for corrections every 20 inches as the web was run through. It was found that this correction frequency was not sufficient to keep the horizontal and vertical perforations centered properly. Also the electronic tubes available were not sufficiently flexible. There still had to be manual control and the spoilage was still much too high.

WORK OF GENERAL ELECTRIC

General Electric Company engineers worked three years and finally developed the thyratron tubes which are incorporated in the present electronic stamp perforator. The new tubes are actuated by register control marks on the margins of the sheets of stamps and variations are corrected every 11/4 inch.

The electronic controls which are centered in three sets of scanning heads center the web, maintain the proper longitudinal perforations and lateral perforations and shear the sheets of stamps. Manual controls are unnecessary in the process except for rough calibration when threading the web through the machine.

As a result of the electronic control of this operation the general quality of the work of the stamp section has been greatly improved, spoilage has been reduced from 25 per cent to less than 3 percent and production costs greatly reduced.

To sum up: the electronic control for the perforators consists of (1) means to center the web, (2) means to maintain the proper longitudinal perforations, and (3) means to maintain the proper lateral perforations and to shear into sheets. Each of these electronic controls has buttons at various points on the machine for manual control of the respective differential so that the operator may make a speedy correction of any extreme con-



ELECTRONIC STAMP PERFORATING MACHINE BUREAU OF ENGRAVING AND PRINTING

(Left to right) Carl B. Johnson, President, L. U. No. 121; Ed J. Brown, International President; Alvin W. Hall, Director of the Bureau; D. A. Manning, Member, International Executive Council; Henry J. Holtzclaw, Chief of Research and Development Engineering; Clark R. Long, Assistant Director of the Bureau.

ELECTRONIC TECHNICIAN

Because of the specialized knowledge required in using the cathode-ray oscilloscope and the technical skill needed in maintaining this new electronic machinery, a new civil service rating has been established for the electricians who maintain these machines. Brother John Avery of Local No. 121 is the first electrician to be classified as electronic technician.

Local Union No. 121 was chartered June 14, 1934, and is composed entirely of Electrical Workers employed in the Bureau of Engraving and Printing and the U. S. Government Printing Office. Brother Carl B. Johnson, is now serving his fifth term as president.

Relations between the administrative heads of the two departments and the union are amicable. Such questions and grievances as have occurred have been settled without carrying the trouble to the front office.

A. W. Hall is director of the Bureau of Engraving and Printing. It was through his cooperation that this story was written and the excellent pictures of the plant are shown.

BUREAU USES ELECTRONICS IN OTHER DEPARTMENTS

The Bureau uses various electronic controls in its laboratory work, in detecting counterfeit money, in testing inks for color variations, in its protective system of burglar alarms, etc. Work on electronically controlled machines for trimming currency has been delayed by the

war. The director states that the need for men trained in the maintenance of such equipment is urgent.

The Bureau of Engraving and Printing, under the director, designs, engraves, and prints for the Government of the United States currency, bonds, notes, bills, and certificates; Federal Reserve

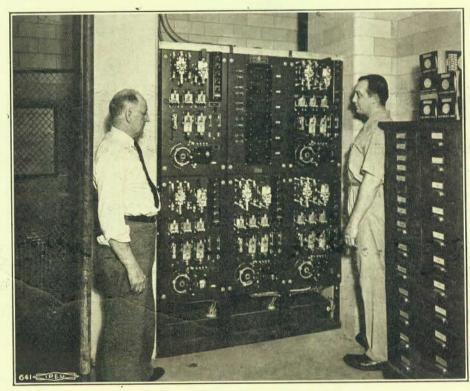
notes; Federal farm loan, joint-stock land bank, consolidated Federal farm loan and Federal farm mortgage bonds; Home Owners' Loan Corporation bonds; revenue, customs, postage, food and war savings stamps; Government checks; and many other classes of engraved work for governmental use. It also performs a similar function for the insular possessions of the United States.

We have spoken of the technical excellence of the work in this great Government enterprise. What is true in the printing of money is also true in the printing of stamps and bonds, etc. For years Frederic J. Haskin has written illluminatingly about the American Government. The following is taken from one of his books on the manufacture of money:

"The most interesting part of the physical work of the Treasury is the manufacture of money. For this purpose it maintains an establishment known as the Bureau of Engraving and Printing in which an average of \$28,500,000 is printed each day. The paper used is of the toughest linen and is made by a secret process protected by statute penalizing its manufacture for other purposes. Supplies of blank paper are guarded as carefully as the finished money, for if a counterfeiter can obtain this distinctive paper, he has made a good start toward producing spurious currency. The fibers from which it comes may once have been in the garments of babies, the confirmation robes of children, or the graduation gowns of girls. After leaving the rag bag, the fibers go to the paper makers. Perhaps they come back as money to dower the bride who wore them as a baby.

"The plates from which money is printed are made with the most exacting care. The public is not permitted to see

(Continued on page 320)



Control Panel, Electronic Stamp Perforating Machine, Bureau of Engraving and Printing.

"Power Unleashed" PAINTS ELECTRICITY in Lay Terms

HE harnessing of the force called "electricity" to the needs of man has probably contributed more to changing our mode of life, our standard of living and the character of our civilization than any other single scientific development. It is important that those who seek to understand the civilization of which they are a part should realize the extent to which the world of today depends on electricity.

When Thomas Edison died it was suggested that all electric generators in the country be shut down during his funeral as a tribute to the important contributions his inventions have made to the life of the people. On October 21, 1931, the day of the funeral, the newspapers carried a proclamation by President Hoover which contained the following statement:

"The suggestion has been made that the electrical current of the generating plants should be turned off at these hours, but on inquiry I find that this would constitute a great peril to life throughout the country, because of the many services dependent upon the electrical power in protection from fire, the operation of water supply, sanitation, elevators, operations in hospitals and the vast number of activities which, if halted even for an instant, would result in death somewhere in the country. This

M. M. Samuels writes book of widespread general interest. R. E. A. engineer

demonstration of dependence of the country upon electrical current for life and health is in itself a monument to Mr. Edison's genius."

A little thought will lead to an appreciation of the extent to which our daily activities are dependent upon the easy availability of electricity. But comparatively few laymen understand how this force has been harnessed for the welfare of man; how the latent energy of coal, oil, gas and falling water is transformed into the most useful of all servants—electrical energy; and how this force is controlled and directed into the mechanisms and channels that light our homes and power our machines of life.

THIS AMAZING WORLD

"Power Unleashed: The Story of Electricity and Power" was written as an aid to better understanding of this amazing world. The author believes that electric power and those men and organizations who help provide it have made one of the greatest contributions to the welfare of mankind, that without such power we would not have the civilization

and progress we enjoy today, nor the miracles which await humanity in the future.

The author, M. M. Samuels, a scientist of high standing in the electrical engineering "Guild," is gifted with a particular genius for presenting scientific matters in a proper and colorful language. What has seemed to be mysterious, technical jargon takes on a new meaning and vitality and even a degree of drama as he takes us through the realm of power production and pictures for us the whole structure that makes our electrical civilization possible. Mr. Samuels is a fellow of the American Institute of Electrical Engineers, fellow of the American Society of Agricultural Engineers, member of the Illuminating Engineering Society, and a member of the Society of American Military Engineers. He has served as technical adviser with the Federal Power Commission and is now chief of the Technical Standards Division of the Rural Electrification Administration. U. S. Department of Agriculture. He has written extensively in professional journals but "Power Unleashed" is his first book for lay readers. It was written because of a conviction that textbooks on the subject are the principal cause of the difficulty that most people experience when they attempt to understand electrical phenomena.

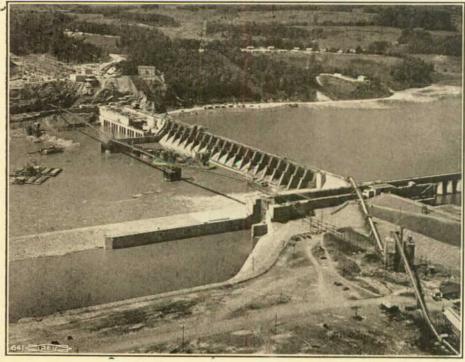
FORMS OF ENERGY

Mr. Samuels discusses energy in its various forms, differentiating between mechanical, thermal, electrical, chemical and light. He points out that electric energy is the only form which is economically suited for general transmission purposes. He distinguishes between the various forms of energy, that is, energy that can be used only once and energy that for practical purposes is continually being recreated by nature. For example, when coal gives us the thermal energy stored in it, it does so only once, the energy being used up and lost to us forever. But water power is self-regenerating and is continually being recreated for us without any effort on our part.

After reading "Power Unleashed" everyone should have a better understanding of the common, every-day electrical terms such as kilotwatts, kilowatt hours, horsepower, amperes and volts, because the author has succeeded in interpreting the development and technical characteristics of electricity in a way that any reader may easily comprehend.

Aside from the energy stored in plants and animals which is created as a direct result of sun radiation, there are only two other practical sources of energy supplied at the present time—fire and water, or fuel and water power. While the author does not enter into the public versus private power controversy, he does devote a chapter to water power as a source of electrical energy and another to steam generating plants, and draws some interesting comparisons between these two sources of power.

Charles P. Steinmetz, during later years of his life, devoted much time to (Continued on page 315)



Development of water power has stimulated popular interest in every aspect of electricity.

Soldier VIEWS His UNION From Battlefront

By HAROLD LATIMER, L. U. No. 1061

OMEWHERE in Sicily .- You, as one of the first to put forth your efforts in establishing the local, must be highly pleased to sit back and reflect upon the accomplishments of the past few years. The union shop plus labor management and production committees are the framework for building an enlightened and progressive union. The high profits of industry and wartime pressure on everybody for production should have made it relatively easy to settle your day-to-day problems, but we can't operate on a day-to-day program. We must plan a year or so ahead. It is essential that an enlightened union know the economics of the industry as well as the employers do and the union must know what demands are realizable without curtailing employment or putting the industry at a competitive disadvantage. To carry out these principles requires a long-range program and detailed

DEPENDENCE ON WORLD

It is not often that we as individuals stop to realize how directly dependent we are on world conditions. When the present war is concluded our national debt will be tremendous and the danger of inflation (a fatal condition for working people) will be most imminent. It has been estimated by economists that in order to retire this debt and escape inflation, our national income must be kept close to the present level for a number of years. This will require a substantial amount of trade with foreign countries to supplement our domestic production. We certainly are interested in having the standard of living of these countries raised so they may buy from us and furthermore to prevent unfair competition of their cheap labor. The International Labor Service has done effective work toward this end but the conditions that I have observed are so bad you couldn't possibly visualize them as they have their roots in the feudalistic system of the dark ages. In my estimation these two reasons alone make it imperative that we actively participate in the peace and future affairs with these nations. We can't be isolationists!

Another problem that will arise after the war will be the returning soldier. The union contract and national laws give them the right to reemployment but it's going to be a big job to do it equitably where one considers seniority. We must also consider the fact that many veterans will need to be rehabilitated or trained to again fit themselves for industry. Farreaching plans should be made to meet this problem, which should also take into

Mid roaring guns he looks back on years of progress and forward to future advancement

consideration the fact that women have largely replaced these men. What is to be the future of women in industry?

POSTWAR WAGE SCALES

At the present-time wage scales are pretty much under control and have been held down. However, the overtime penalties in most cases are sufficient to give a pretty respectable income. This situation will immediately change at the end of the war as the necessity for overtime work will, in all probability, cease, and with the confusion of reconversion there will be a strong fight launched for reduction in rates. The argument will probably be along the lines of having now to meet competition of competitors. The cost of seniority and necessary replacement of military personnel, retooling and, in all probability, production, will be below present standards. The local's members will be faced with a situation where the cost of living will still be high and taxes

burdensome. It seems to me that now is the time to start discussions with management on postwar wage scales. The union should be prepared to give management a definite idea of what its attitude will be and if possible some understanding should be reached so that adequate reserves may be set aside and so that sound plans for postwar business may be formulated.

The International Office should be able to arrange for an exchange of opinions in relation to postwar wage scales, between established locals in other plants in the same industry. This would also be a step toward the desired goal of a single contract between labor and all the plants in the industry. A standard wage scale for the industry would take labor as a factor in relation to prices out of competition between units of the industry and place the burden on management for better production methods and more efficient conduct of business, for profits. Labor must nevertheless bear in mind that it has a very definite stake in efficient management, for unless production is conducted as economically as possible, without working an honest injustice on any employee, and unless costs decrease and efficiency improves, we cannot hope to produce the income to give us higher living standards. It thus becomes the direct interest of every member to increase efficiency and promote the success of the enterprise.

IMPROVE WORKING CONDITIONS

In every industrial plant there are places where the working conditions should be improved. Some of these are such that the health of workers is imperiled and all are certainly a deterrent to maximum production. These should be (Continued on page 320)



U. S. Army Signal Corps Photo

Fighting on the front is not all fighting. There are moments for thought and cogitation.

Des Moines Unionist BUILDS Lines Under FIRE

THEY grow tall corn in Iowa, and they grow wiry, steel-like men—men who are cool under fire. From headquarters, 13th AAF, South Pacific (Passed for publication, U. S. Army Press Censor 61400, U. S. Army Forces, South Pacific) comes a story of the brilliant record of Des Moines Technical Sergeant Claude E. Strain. He is just one of the thousands of I.B.E.W. members who are serving their country brilliantly from foxholes. Please note, Sergeant Strain operates the "only dial telephone on the island, which works."

HEADQUARTERS, 13TH AAF, SOUTH PACIFIC—As a wire chief and communications trouble-shooter for the 13th AAF Fighter Command, Technical Sergeant Claude E. Strain of Des Moines, Iowa, has worked under fire in two major South Pacific campaigns.

Sergeant Strain, son of Mr. and Mrs. C. E. Strain, 1642 Des Moines Street, Des Moines, supervised the installation and maintenance of telephone systems on two major beachheads — Guadalcanal and Bougainville.

A TOUGH JOB

He arrived on Guadalcanal in early November of 1942 and immediately set Technical Sergeant
Claude E. Strain, L. U. No. 639,
establishes "Guadalcanal Telephone Company." Father also
member

up a switchboard serving the fighter strips. Several times he and his crew were caught out in bombing raids while stringing lines.

Once they were working in a swamp near the front when their jeep bogged down. Heavy mortar duelling was going on at the time, and Sergeant Strain and his men spent some highly uncomfortable moments before they finally got their jeep to moving.

"We had a bombing raid one night," Sergeant Strain said, "that ran parallel to our lines, cutting them all out. Our spare wire was also destroyed. We scouted around, though, and found two reels of Japanese underground cable. We used this and soon had our lines back in operation."

Sergeant Strain had a narrow escape during this same raid. He had just entered the switchboard dugout when a bomb landed 15 feet away. The concussion knocked him sprawling.

COMMENDABLE WORK

On Bougainville, Sergeant Strain's work has earned him several commendations from his officers. He did an excellent job in consolidating several switchboards. His exchange now serves telephones of the Army, Navy, and New Zealand units.

A sign beside Sergeant Strain's office proclaims the place to be the Bougainville branch of the "Guadalcanal Telephone Company—established 1942." An added convenience enjoyed by this communications headquarters is a dial telephone—which works. This dial telephone is the only one known to be on the island.

In civil life, Sergeant Strain worked for the Telephone and Telegraph Department of the Rock Island Railroad. He went to work for Rock Island soon after graduating from East Des Moines High School in 1936.

The Four Horsemen

By DELIGHT STOCKING

Out of the night, that broods o'er Europe's land,

And riding high, they come, a mystic band,

Into each life that fear and hatred grips,

These four grim horsemen of Apocalypse.

First war — then famine — then disease and death,

Borne on the wings of planes and cannon's breath,

They come, they pass, and in their fearsome flight,

Strew pain and desolation like a blight.

Their cry of hate and triumph rising high,

Assaults the very ramparts of the sky,

Steel hoofs that pound where feet of peace once trod,

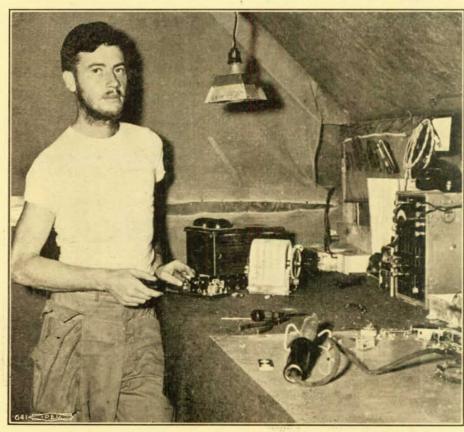
And fling their challenge at an outraged God.

Then stillness falls upon a war-torn earth,

No voice of hope dwells here, no sound of mirth,

A grave lies here—a blossom nods its head,

In silent tribute to a martyred dead.



U. S. Army Air Force Photo

SERGEANT STRAIN IN HIS SELF-CREATED WORKSHOP IN THE SOUTH PACIFIC

The National Electrical Code furnishes the "bylaws" for the electrical industry. During the war the bylaws have been suspended, and standards have fallen. What should be done under these conditions is important to every member of the union.

A T a meeting of the emergency committee of the electrical committee of the National Fire Protection Association, held March 15, 1944, with all committee members present, consideration was given to a letter, by Member L. F. Adams, regarding the revision of the 1940 National Electrical Code. The following is taken from the News-Bulletin of the International Association of Electrical Inspectors, May, 1944:

"A letter from Member Adams relative to the revision of the present code and the preparation of a new edition had general discussion. It was pointed out that the National Board of Fire Underwriters has printed approximately 500,000 copies of the 1940 edition. The matter of paper for a new edition is of importance, as considerable time will be required to obtain the necessary supply. The necessity for, or advisability of, a code revision and its approval by the National Fire Protection Association and the American Standards Association were subjects of general remarks.

MOTION CARRIED

"A motion by Member Mahan, that the emergency committee go on record for sponsoring a meeting in 1944 of the electrical committee and a 1945 edition of the National Electrical Code, had full approval. A possible meeting program and specific dates for it were referred to a committee consisting of Chairman Small, Secretary Tousley, Members Adams, Andrae and Brand. The committee was authorized to give study to, and work out a definite plan to carry this motion into effect. It is contemplated that the July, 1942, reports of the article committees for the revision of the 1940 Code be used as a basis for the article committee reports, together with such additions or amendments as may be proposed."

As the 1940 National Electrical Code is about to go on its merry way, it should be a matter of serious consideration for every member of the International Brotherhood of Electrical Workers to ask himself two questions—

COULD YOU PASS A TEST?

(a) How familiar he was with the 1940 National Electrical Code, also

(b) How should it be revised to offer to the average citizen adequate electrical wiring with a maximum of safety.

Your International Brotherhood is vitally interested and President Brown will see to it that the interests of the worker are given proper consideration during the revision, with the cooperation of all concerned. In order to test yourself on your familiarity with the code, the following series of questions is given and answered; be honest with yourself and try to answer these questions and then look up the correct answers at the con-

NEW NATIONAL ELECTRICAL CODE IN 1945?

By CORNELIUS W. SPAIN, Building Trades School, Detroit

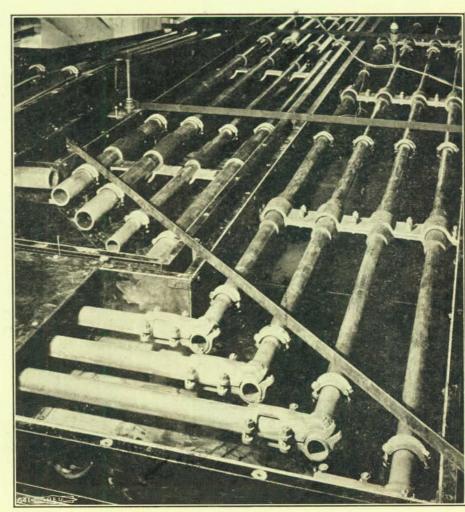
Much activity going forward now on present condition of wiring, and prospects for future

clusion of this article. The questions follow:

QUESTIONS

- What is the smallest size conductor that is approved for a 15-ampere branch circuit?
- Specify how conduit bends are to be made where lead-covered conductors are used.
- 3. Is it permissible to use weatherproof insulated conductors for interior wiring?
- 4. What is the carrying capacity of aluminum conductors in comparison to copper?

- 5. Is non-metallic sheated cable approved for wiring commercial garages?
- 6. What is the maximum electrical trade size of electrical metallic tubing?
- 7. What is the largest size conductor permitted in underfloor raceways?
- 8. What are the code specifications for a pipe electrode when used for artificial ground electrode?
- Name three wiring methods approved for service exceeding 600 volts.
- 10. What is the largest rating in watts of lamps that may be inserted in mogul bases?
- 11. What are the largest size conductors approved for non-metallic sheated cable?
- 12. Is it permissible to fuse grounded conductors of a system?
- 13. What wiring method is approved for hazardous locations? (Continued on page 315)



PREWAR INSTALLATION

Labor Backs Management COOPERATION in Britain

A PPROXIMATELY 6,000 British joint labor-management production committees have been established in royal ordnance works, factories, colliery pits and shipyards throughout the nation. Altogether more than 3,500,000 workers are covered through this machinery for mutual interchange and effectuating of ideas for increasing output or augmenting plant efficiency.

The chain reaches from the operating plane right up to the upper stratum of national policy-making personnel in the

British war government.

Above the joint committees at the plant level is a system of district committees (associated with the district manpower boards), 11 regional boards (attached to the priority-determining Ministry of Production) and two national advisory councils (one serving the Minister of Production and the other the Minister of Labor and National Service). Labor and management thus have equal opportunities of direct access to the individuals ultimately responsible for the allocation of available supplies of labor and raw materials for wartime purposes.

IMPORTANCE OF COORDINATION

While necessarily acting only in an advisory capacity, this chain of worker and employer coordination is of tremendous importance in enabling the imposing British war effort to function as successfully as it does today.

On matters concerning allotment of materials and location of war contract awards on the one side, there is the National Production Advisory Council to Elaborate system
of technical committees based
on shop stewards reviewed
by ILO

confer with Minister of Production, Sir Oliver Lyttelton. This council is composed of six representatives of labor, six representatives of employers, plus the vicechairmen of the 11 regional boards operating under the Ministry of Production.

On the labor supply side, a National Joint Advisory Council was established immediately after the invasion of England to counsel the Minister of Labor and National Service, Mr. Ernest Bevin, on problems of manpower and labor utilization. The labor council is made up of 15 labor and 15 management representatives, but most of its work is carried out through its joint consultative committee which has seven members for each side.

Close cooperation is maintained at all times between these two vital ministries of the war cabinet.

The regional production boards comprise three labor members, three employer members and representatives of any department of the government maintaining activities in the area. Utmost interdepartmental coordination is achieved through this framework.

THE CLEARING CENTERS

Serving as clearing centers with the object of avoiding misuse of local plant capacity or overloading of firms with war

contracts are the district joint committees. Here again we find three labor members and three employer members. Usually the district office manager acts as committee chairman.

District committees form a liaison between joint plant production committees and the regional production boards. They also serve to keep the latter informed as to local situations with respect to power requirements, labor supply, transportation and community facilities.

Through this network the British have devised a coordinated arrangement through which any question of importance existing at the plant level can be speedily channeled to the attention of the proper authorities in the wartime government. Much of its success is due to the adoption of recommendations suggested by Sir Walter Citrine, general secretary of the Trades Union Congress, in a report on the organization of production machinery.

The most effective work of the labormanagement system occurs at the plant level.

JPC'S AND LABOR MOVEMENT

Through their constitutions the joint production committees (or JPC's as they are familiarly termed over there) are firmly linked with the organized labor movement. Worker members are democratically elected by ballot and must always be adult trade union members.

The JPC's are formally commissioned to "consult and advise on matters relating to production and increased efficiency—in order that maximum output may be obtained from the factory."

The International Labor Office has recently published an analysis of the workings of the system under the title of "British Joint Production Machinery." The report was prepared by Carol Riegelman of the I.L.O. staff.

The I.L.O. study points out that great care has been exercised to specifically exclude from the competence of such committees "all matters which are trade questions, such as wages and like subjects which are covered by agreements with trade unions or are normally dealt with by the approved machinery of negotiations."

Thus the existing collective bargaining process remains undisturbed by the creation of the new labor-management committees to cope with war production problems.

Historically, it should be noted, collective bargaining has long been accepted in Great Britain as the natural procedure for governing labor-management relationships. Representatives of workers and employers are thoroughly accustomed to meeting and dealing with each other. It is the introduction of a third party to represent the government (as found in the district joint committees, the regional boards and the National Production Advisory Council), which constitutes the new element in the field of British industrial relations.

The functions of the JPC machinery are distinctively separated from those of the long-established collective bargaining

(Continued on page 316)



Britain, a great industrial nation like the United States, has increased its industrial efficiency during the war.

WORK CONDITIONS in

Frontier Days

By SHAPPIE

(Casey's Chronicles of the Work World)

THE camp was in a picturesque spot on the bank of a small river. There were five tents—a large sleeping tent—an equally large dining tent—alongside of the latter was the cook's tent, and facing these a little distance back, were two small tents, one being for the linemen and the other was occupied by the foreman and his straw boss.

Jack drove up to the cook's tent and started unloading the supplies. The cook was hovering over a collection of pots and pans on a large range under a canvas fly in front of his tent. Jules had evidently been a favorite with him for, as he looked up and caught sight of him, he shouted. "Why here's my ole friend all the way from Quebec. How are yuh Jules? Yore ole bunk is waitin' fer yuh. We thought yuh wasn't comin' an' I was goin' to hang crepe over it." They threw out their duffle bags and clambered down. Jules' arrival broke up a poker game in the dining tent, as the players swarmed out to welcome him, and Terry was introduced all around. A couple of them grabbed the duffle bags and they followed them into the sleeping tent. "Here's yer ole bunk," said the one as he dumped Jules' belongings into the bunk just inside the open flap of the doorway. "An yer friend can have the one alongside of it," said the other as he dropped Terry's bag. A loud rattle of tinware from the dining tent gave evidence that the cook was busy preparing the banquet table.

The sleeping tent followed the usual arrangement of those days. There was a stretch of heavy canvas on each side of it running from end to end, with a narrow passage way between. These canvases were stretched out on a framework of poles looped into them, while other poles, looped in from head to foot, divided the sleeping spaces off. The whole framework was supported on light wooden trestles about a foot from the ground and the company supplied each man with two pair of blankets.

A WARM WELCOME

"Well, I guess we had better go ober to de boss's tent an' sign up," said Jules. The foreman was sitting just inside the open flap of the tent as they approached. He looked up and said. "Well Jules! You are here at last and I see you have brought the man you promised me."

"Yes Tan! You said you is want me to breeng nodder good man wit' me. Dis man I ave 'ere wit' me is Terence Casee, de bes' man wit' de log wrench w'at is in de loggin' camp las' weenter, bah gar!"

"I hope you will live up to the reputation that Jules gives you, Casey." He gives vivid description of logging camps of half-century ago

"Jules rates me high but I'll do my best sir."

"You do that and you'll get along all right Casey. But what kept you so late Jules?"

"Well you see it was lak' dees Tan. De loggin' camp, she is late for de shut down, den mebbe you is read bout dat beeg storm in Kebec. Dat happen w'en me an' Terry is on de way up de reever to visit de home of mah fader—we mos' get loss in dat storm—dat is w'at is mak' de beeg dalay."

THE WORK AHEAD

"Well there's five carloads of poles to unload, and there's some miles of holes dug waiting for them so I'm sending you, Casey, and four more men the first thing in the morning to get them off and moving on the jump. I've got some teams from the farmers here hired to start hauling whenever we're ready. Jack and his team is going out with you and he'll take out axes, cant hooks, and whatever else you need."

"All right, sir! I is tell Jack w'at we is need."

The loud banging of a tin pan announced that dinner was ready and Jules and Terry joined the mob that was making a mad rush for seats in the banqueting hall. The table was a long wooden affair supported by trestles and the seats were long wooden benches and in front of each man was a tin plate and cup, and a knife and fork. So urgent was the demand for immediate nourishment by the famished humans that the first arrivals had already loaded up their plates with slabs of piping hot, roast beef and huge boiled potatoes from the nearest supply dishes before the stragglers could make port. There was a plentiful supply of white and corn bread and butter, and the cook filled each man's cup with scalding hot tea, for which canned milk and brown sugar was provided. While there was not much variety to the bill of fare it was satisfying and was wolfed down with a speed that would have horrified a dietitian. Their appetites appeased, at least for the time being, the gang scattered, some to lounge around in the cool shade of trees on the river bank, where shirts, and various other articles of wearing apparel, draped over bushes to dry, gave evidence that earlier in the day primitive laundry work had taken place.

The impatient poker party, bawled out somewhat profanely, such insistent demands to the cook, that he get the table cleared so they could resume their wooing of the goddess of chance that that much harassed individual turned around, gazed truculently at them for a moment, and then, with hands on his hips, said emphatically, "You blasted, tin-horn gazaboes ull git this table, when I'm darned good an' ready to let yuh have it, an' (Continued on page 311)



"A Man's Job," painting by Michael J. Gallagher, Lansdowne, Pennsylvania.

Executive Council Instructs MEMBERS on War Conduct

Minutes of the 1944 Second Quarterly Meeting of the International Executive Council

HE meeting was called to order at 10 a. m. by Chairman Paulsen. On roll call the following members reported present: C. M. Paulsen, J. L. McBride, F. L. Kelley, D. W. Tracy, C. F. Preller, William G. Shord, Harry Van Arsdale, Jr., D. A. Manning. Absent: Charles Foehn, on account of sickness.

The minutes of the first quarterly meeting, held in March 1944, were read and

approved.

The chairman appointed D. W. Tracy and C. F. Preller to examine the audit report for the first quarter of 1944, and to make a report to the council of their findings.

Applications for pension benefits for following-named members were examined:

		Formerly
		of L. U.
I. O.	Buckley, John J.	326
I. O.	Clute, Edbert S.	202
I. O.	Hook, Harry F.	
I. O.	Johnson, Joseph A.	
I. O.	La France, Louis J.	
I. O.	Logan, Warren A.	
I. O.	Martin, Dan W.	
I. O.	Mullinger, Paul	
I. O.	Rhoades, Bert A.	
I. O.	Schaefer, Otto Adam	
I. O.	Schuder, R. C.	
I. O.	Shaff, Samuel E.	
I. O.	Smith, George H.	
I. O.	Strassner, Gregory	

L. U. No.

- Berkel, William
- Clemens, William G. Frisby, Fred
- Cleveland, Paul Henry
- Fitzpatrick, Bernard V. Marchuck, Theodore
- Schneider, Harry S.
- Wauters, Jacob G. 6 Daley, M. A.
- Brennan, James A. Campbell, Clyde B.
- Hawes, Ernest L.
- 9 Kerwin, Jack
- 0 Lane, Thomas 9 Ransford, William Joseph
- 11
- Eide, James Wightman, William 11
- 26
- Dodge, Charles C. Chapple, James H.
- Warner, George Brill
- 41 Fink, Charles L.
- 46 Esselbach, Arthur W.
- Bentley, Herbert A. 52
- 52 Monauni, Giovanni Angelo
- Walker, Charles B. Cantwell, John Edward
- 58
- Parmenter, Perley Edward 103 Rodgers, Elijah J.
- 104 Slattery, Patrick F.
- 117
- Schnulle, Fred H. Ambrose, J. L. 125
- Auda, William A.
- Clayton, R. I. 125
- 125 Henrikson, Nils
- Stewart, Julius

Wants vital industries manned. Takes action on joint agreement with musicians. Endorses electronics school

L. U. No.

- 134 Campbell, Fred
- 134 Dales, John P.
- 134
- Hauser, William A. McDonald, William G.
- Schaefer, Benedict W. 134
- Schneidewendt, Henry A. 134
- 134 Senesac, Arthur L.
- 134 Wayman, Peter A.
- 159
- 185
- Dearholt, John Henry Pittman, Thomas H. Lamborn, Paul C.
- 209 Tam, Arthur W.
- Eschenbrenner, John 212 247
- Jones, Robert A.
- 247 Stoddard, Herbert F.
- 274 Foree, Frank L.
- Fate, Andrew Baldwin, Harry 309 350
- Murphy, James W. Seiler, John
- 494
- 504 Dodge, Charles
- 527 Aymes, Henry John
- Nothwang, Christian Adam Atkinson, Oliver C. Jamerson, James William 569 701
- 702
- Palmer, Charles M.
- Reynolds, Matthew F.
- 1037 Borowski, Stanley 1245 Haverty, William Rufus
- The council found that the foregoing applications were made in accordance with the provisions of the International Constitution, and that the official records

supported the applicants' claims as to pension age and continuous standing in the Brotherhood; therefore, on motion which was carried, the applications were ap-

proved.

The application for pension of Hugh Quigley, I. O. member, was examined, and as records which he submitted established the fact that at the time of making his application he had 20 years' continuous standing in the Brotherhood, his claim was allowed and the application approved.

The applications for pension of Sidney W. Tyler, L. U. No. 6; Edward R. Stone, I. U. No. 38; G. W. Clary, L. U. No. 66; Henry W. Bibley, L. U. No. 79; John A. Service, L. U. No. 213; John W. George, L. U. No. 288, and Joseph J. Lefkowitz, L. U. No. 817, were examined, and as evidence presented established the fact that they were of pension age, and as they had the required years of continuous standing in the Brotherhood, their applications were approved.

The pension application of Raymond J. Leeman, Card No. 65701, of L. U. No. 103, was denied for the reason that his pension application was approved by the local union prior to his becoming of pension

The pension applications of A. Heathcote, Card No. 89895, of L. U. No. 230; John N. Lazar, Card No. 254831, I. O. member, and John Weir, Card No. 254856, I. O. member, were denied because of lack of sufficient years of continuous standing in the Brotherhood.

On evidence submitted, the age of G. H. Mann, L. U. 636, was ordered changed to June 12, 1877; and the age of Erasmus D. Garnsey, L. U. No. 3, was ordered changed to August 25, 1882.

International Secretary Bugniazet presented a news item from the Washington Daily News of June 13, 1944, dealing with a Supreme Court decision headed, "Decision Clears Way to Probe of Job Fees." and which stated that the Justice Department officials planned to apply the kickback decision to a number of pending cases involving the payment of permit fees by workers who gained no union membership but merely paid for the right to work. This subject was treated many months ago by the International officers through communications on the subject to all local unions.

The officers reported the actions of some of the Government departments, in issuing orders that would reduce the existing hourly rates of wages paid to our members in the performance of electrical work, and their efforts to combat and prevent such reductions in the scale of wages. The International Executive Council agreed that all efforts possible should be continued so as to prevent such unfair actions.

International President Brown and International Secretary Bugniazet appeared before the council, proposing an educational plan for the I. B. E. W. membership. This plan is to embrace a study course on electronics, its principles and application to industrial equipment, to the end that at least a part of our membership may keep step with the advancement of this new development in the electrical industry. The council concurred in the suggestion, and instructed the International officers to proceed to establish such a course of study if at all possible.

A claim having been brought to the attention of the council that some workers are not giving their full measure to the production of material and equipment for the prosecution of the war, your International Executive Council instructs the International officers to urge, either by circular letter or through our official JOURNAL, that our membership procure employment in the industries vital to the war effort, and that when so employed they give to it the full measure of their ability, to the end that the war may be speedily terminated in favor of our country.

The committee on audit reported that the audit of the finances of the I. B. E. W. for the first quarter of 1944, as submitted by the firm of Wayne Kendrick and Company, certified public accountants employed by the International Executive Council, were examined by them and that they found that all accounts checked and that the records were in order. On motion which was carried, the report was approved and ordered filed.

DEATH OF FORMER INTERNA-TIONAL PRESIDENT W. A. JACKSON

Whereas death has once again entered our ranks and taken another former high official of the Brotherhood; and

Whereas this prominent Brother had played a notable part in the building of the organization, as International President from 1901 to 1903; and

Whereas he had devoted his life since that incumbency to the upbuilding of the organization and the electrical industry; and

Whereas he had continued in all his capacities to manifest high virtues of patience, diligence, loyalty, and cooperation;

Be it known that it now devolves upon us as his friends and long-time associates to speak of him as comrade and colleague. He was ever an able leader; therefore be it

Resolved, That we take this means of preserving for posterity this record of a lifetime of service to the union and to the industry.

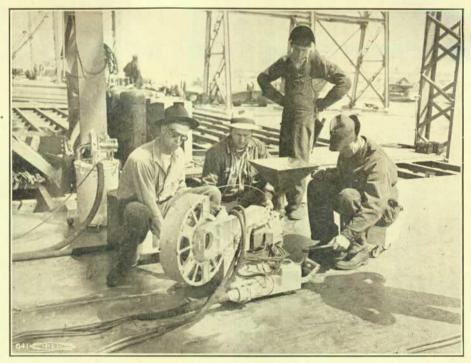
International President Brown reported on the controversy existing between L. U. No. 40, I. B. E. W., and the moving picture studios. After hearing the report, and the reading of a letter dated April 19, 1944, from Business Manager Al Speede, L. U. No. 40, I. B. E. W., the council instructed the administrative officers to proceed along the lines of instituting action before a Federal agency of proper jurisdiction, to the end of settling the controversy in the motion picture industry.

The council set 10 a. m. of June 17, 1944, as the time for a hearing on a protest by L. U. No. 1215. Letters and wires from several local unions of the I. B. E. W., endorsing the protest of L. U. No. 1215, were read. The committee from L. U. No. 1215 were: Howard B. Hayes, H. K. Groom, L. W. McDonald, Granville Klink, Jr., Bryan A. Wright, Franklin B. Seville, Albert O. Hardy. Present besides the committee were International Secretary Bugniazet and International Representative W. L. Reed. The protest was on the following agreement between the I. B. E. W. and the American Federation of Musicians.

"In order that there may be a combined and united effort by our International and the American Federation of Musicians to prevent encroachment of the jurisdiction of either by inside or outside forces, the two organizations, our International and the federation, entered into a supplemental agreement dated March 15, 1944, which is as follows:

"'Whereas the use, operation and maintenance of transcriptions and records in and by broadcasting studios involves work and labor which come within the jurisdiction of the American Federation of Musicians and the International Brotherhood of Electrical Workers, and for the purpose of declaring what is the respective jurisdiction of each of the aforenamed organizations,

"'It is declared and agreed that the installation and maintenance of all equipment connected with the operation of said



ELECTRICAL WORKERS IN ACTION AT KAISER SHIPYARDS

records and transcriptions is within the jurisdiction of the I. B. E. W.

"'It is declared and agreed that the operation of records and transcriptions, which includes the placing of the record on the machine, the starting of the machine, and the placing of the head upon the record and the regulation of the tone volume, where it is an integral part of the turn table, is within the jurisdiction of the American Federation of Musicians.

"'All other installation, maintenance and operation of technical equipment comes within the field of the electrical engineer and is within the jurisdiction of the I. B. E. W.

"'For the promotion of the best interests and welfare of both organizations, each agrees to respect and maintain the integrity of the other's jurisdiction.'"

The committee presented each council member with a copy of its brief, which was read by Brother Howard B. Hayes. After the reading of the brief, and the clearing up of several points through questioning of the committee members by the council, a motion picture was displayed depicting the work in question. After the committee had presented its case, the council devoted much time to the evidence presented by the committee, by International President Brown, by International Secretary Bugniazet, and by International Representative W. L. Reed, which resulted in the following action:

RADIO BROADCAST RECORDS AGREEMENT BETWEEN A. F. OF M. AND I. B. E. W.

Your International Executive Council, at its March meeting, received a report from International President Brown relative to his negotiations with the president of the American Federation of Musicians. Again, at this meeting of the Executive

Council, International President Brown made a further report and gave a detailed explanation of his negotiations on the agreement with the president of the American Federation of Musicians. Your International Executive Council, at this meeting, received and heard the protest as presented by L. U. No. 1215, and also considered letters and wires supporting L. U. No. 1215 in its protest. Having given careful consideration to all evidence submitted, your council approved the negotiations and agreement entered into by and between the president of the American Federation of Musicians and President Brown of the International Brotherhood of Electrical Workers, with the understanding that further details are to be worked out, and other negotiations conducted by the presidents of the A. F. of M. and the I. B. E. W. On motion which was carried, the foregoing was adopted by the council.

The council reviewed and fully discussed the activities of the members in their respective districts since the last council meeting, and all actions were approved.

The activities of the International President and the International Secretary in their respective fields, since the last council meeting, were reviewed, discussed and approved.

The International Secretary was requested to communicate with all those who had matters before the council, and to advise them of the action taken in their cases.

All business which came before the council having been disposed of, the council adjourned sine die.

CHARLES M. PAULSEN, Chairman

D. A. MANNING,

Secretary

ELECTRICAL WORKERS

OFFICIAL PUBLICATION INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS



Vol. XLIII

Washington, D.C., August, 1944

No. 8

Not All tion, the I. B. E. W. has decided to establish a national school of electronics.

The International Executive Council has sanctioned this step. It is no grandstand play, but a sober effort to meet an exacting and acute situation. It should meet instant approval and receive the backing of local unions. From informal conferences with local union heads, the International officers believe such cooperation will be forthcoming.

Let's look at the situation which has produced this proposal. The global war-as are all modern warsis a technological enterprise. Its success depends upon many things, morale, natural resources, inventive genius, military genius-and machines. In consequence, every nation has established laboratories, mobilized engineers and inventors, and hastened night and day to extract devices out of the blueprint stage into the production stage. The wholesale and colossal destruction of machines, with a constant improvement upon each new model, has telescoped 30 to 50 years of invention and production into three to five years. The United States, ever in the lead in this field, has not fallen behind now, and in consequence, during this war, we have had the birth and young maturity of a new industry—the electronics industry.

The electronics industry derives from the photoelectric cell and vacuum tube. It is estimated that there are over 700 electronic tubes now in use, in machines derived from them. The electronics industry has reached proportions already quite beyond that of other sections of the electrical industry. It may outstrip all others. There is already a shortage of mechanics at home to man this new industry. But thousands of young men have been trained by the Army and Navy to man those in use on the battlefronts. These young men, in the hurly burly of the economic world, become potential competition to the union. Or, if you wish to put it on a cooperative basis, these men trained in the Army and Navy will wish to return to that union, in civil life, which makes a place for them.

Under these conditions the I. B. E. W. has no choice but to seek to train 20 to 25 thousand men to man the new electronics industry. One may say the union has to do this to meet its responsibilities. Or one may say the union has to do this to preserve its economic position, or one may say the union has to do this to live. The union has to.

But larger even than meeting the demands of new conditions, is the test as to whether a labor union of 350,000 members, stretched over a continent, can develop enough teamplay in a short time to make quick, necessary adjustment to a changing world.

Politics The war has its political and its military aspects. It also has deeper currents—the great human currents—unfathomable and encompassing.

A labor leader—a father—hears on the day after invasion day, that his only son, the pride of his life, was shot down in France. This boy was a captain, a graduate of West Point, with 17 German planes to his credit, bearing the distinguished flying cross; a heroic lad, who left at home a wife and baby son he had never seen. The father is crushed by grief. This story is repeated a thousand times in America. Other fathers, other mothers, also receive word from the War Department. A new aristocracy of grief is born. The millionaire father bears equally with the labor leader the badge of sorrow. Those who escape immediate loss of sons are sympathetically bound to the others by clairvoyant sorrow. Who can doubt that bonds are laid here which make men Americans first, and representatives of economic groups afterwards.

The I. B. E. W. has 30,000 men in uniform. These men are the pride of the union, and bind the union men to the armed forces by bonds stronger than steel, more lasting than all the politics in the world.

the Press as prize winner in its contest on the "Freedom of the Press," Robert Lasch's "For a Free Press." Lasch is a young editorial writer on the Chicago Sun. Three other papers on the press, all by newspaper men, are to follow.

It is significant that the rejuvenated *Atlantic Monthly* ever held this contest. Every labor man knows that it was needed. Every labor man knows how far short the daily press falls below performing its Constitutional function. Every labor man has felt the force of manufactured opinion in the press moving against him.

Here are some of Mr. Lasch's comments on the press:

"His (the publisher's) cronies are the bankers, the manufacturers, the utility operators, the department store tycoons. His habitat is the chamber of commerce, the well-stocked clubs, and the suburban estates of the rich. The ideas he absorbs and the attitudes he reflects are those of the well-heeled uppercrust."

"The press became free not as a favor to those who happened to own it, but because men hoped by means of a free press to attain a desirable social end."

"It is precisely this foundation of a free press that the modern economic development of journalism in America has undermined."

"Instead of reflecting a variety of opinion thrown out by underlying forces, it (the press) turned to throwing out opinions of its own, as one of those forces."

"People buy poisoned news, not because they have a real taste for news distortion, but because it comes wrapped in a palatable capsule of comics and features."

"What is required of ownership is the abandonment of its claims to the prerequisites of absolute monarchy."

Mr. Lasch's solution? He wants the publishers to reform themselves. We wonder.

"Our Boys" A nation is known by the products it produces. These United States have produced great machines and salable goods bearing the caption "Made in America." But America has produced something quite beyond these machines and goods. America has produced MEN. America has produced great, brave fighting men, who, with single-hearted devotion to duty, have saved America, and the world.

At first, many Americans wondered. They wondered if the human product of homes and schools would stand up. America wondered if the seemingly frivolous younger set could do the job. America knows now. Without showing manifestations, without useless, noisy words, without debate or questioning, the school boys dropped their books and went off to the wars. They did not whimper, they did not fume; they did not whine, they just quietly went to work. Cherbourg, Salerno, Algiers, Saipan now signal back across the world, you—America—have produced MEN.

With all its faults, American life must be sound at the bottom. The democratic way must be a sound course, or how else could these so-called frivolous boys turn into men over night, and into heroes over the week-end?

"Our boys"—God bless them—have delivered.

Philadelphia The International Labor Office now has published in mailable form the Philadelphia Charter. This great document surely marks a way-station in the long fight of labor to secure a more stable position in the economic life of the world. The Philadelphia Charter was an attempt to take one section of the Atlantic Charter and reduce it to meaning for the common man in any given locality. Hence the aptness of the title, the Philadelphia Charter. We suggest that this be read and framed by every labor unionist.

Here is the implementing section of the Philadelphia Charter:

The conference recognizes the solemn obligation of the International Labor Organization to further among the nations of the world programs which will achieve:

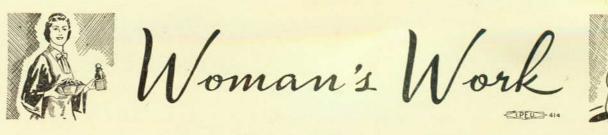
- (a) full employment and the raising of standards of living;
- (b) the employment of workers in the occupations in which they can have the satisfaction of giving the fullest measure of their skill and attainments and make their greatest contribution to the common well-being;
- (c) the provision, as a means to the attainment of this end and under adequate guarantees for all concerned, of facilities for training and the transfer of labor, including migration for employment and settlement;
- (d) policies in regard to wages and earnings, hours and other conditions of work calculated to ensure a just share of the fruits of progress to all, and a minimum living wage to all employed and in need of such protection;
- (e) the effective recognition of the right of collective bargaining, the cooperation of management and labor in the continuous improvement of productive efficiency, and the collaboration of workers and employers in the preparation and application of social and economic measures;
- (f) the extension of social security measures to provide a basic income to all in need of such protection and comprehensive medical care;
- (g) adequate protection for the life and health of workers in all occupations;
 - (h) provision for child welfare and maternity protection;
- (i) the provision of adequate nutrition, housing and facilities for recreation and culture;
- (j) the assurance of equality of educational and vocational opportunity.

Boundary Some time within the next three months

Line the United States is going to stand at the
boundary line between war and peace. It
can almost be said that we are now standing at the
boundary between war and peace, and what we do in
these three months is vastly important to every
worker in the United States.

How shall the peace be made? Shall the peace be made as the peace of 1918 was made—with the firing of cannons and blowing of horns and the waving of flags, and with no temperate or deliberate machinery for entering into the long struggle upward to more stable prosperity?

To date little that is practical has been done by the Congress to pass from war production to peace production on an orderly basis. Even now certain great aggregates of capital, backed by powerful trade associations, are struggling with the War Production Board to go at once to peacetime production without any controls whatsoever. Of course, this is very good for that group that is allowed to do this, but it is unfair to do this if others who also want to do it are not given the same privilege. It is a question whether American industry can stand a free-for-all dog-fight for production and then distribution without any orderly planning involved, and do a good job.



NOTES FOR HOMEMAKERS

BY A WORKER'S WIFE

VERY week the U.S. Department of Agriculture sends to our office a bulletin entitled "Food and Home Notes." It contains some wonderful hints on homemaking and nutrition and tips on buying and preparing food and canning, and informative material on sewing and mending, dry cleaning and many other subjects of general interest to Mrs. American Housewife. I thought this month I'd pass some of these household hints on to you.

First of all, some notes on canningfor with so many thousands of patriotic Americans raising victory gardens, there will be a tremendous amount of produce to be canned and stored for the winter.

SEVEN POINTS FOR SUCCESS

- (1) Can only fresh food in tiptop condition.
- (2) Have food, jars, everything used in canning thoroughly clean.
- (3) Work quickly, so as to can "freshness."
- (4) Heat food hot enough and long enough to make bacteria and other organisms harmless, so they won't "work" in the food and make it spoil.
- (5) Follow up-to-date directions and timetables, backed up by scientific research.
- (6) Make sure jars are sealed airtight, to keep spoilage organisms outside.
- (7) Store canned food in a cool, dark, dry place.

There is a right method for each food you can. For fruits, tomatoes, pickled vegetables-use a boiling-water bath. You can process these acid foods safely in boiling water.

For corn, peas, beans and other common vegetables (except tomatoes)-use a steam-pressure canner. To process these foods safely in reasonable time takes a temperature higher than boiling. It takes 240 degrees F. or higher. The only way to get these high temperatures is to hold steam under pressure.

New pressure canners are being manufactured all the time. They are no longer rationed. If you have no pressure canner, team with someone who has. Or maybe you can go to a community canning center.

A WORD OF WARNING

Oven canning is dangerous. Even though the oven goes to 250 degrees F. or higher, food in the jars stays at about the boiling point (212 degrees). For vegetables, that's not hot enough to make bacteria harmless. Also, oven canning has caused serious accidents to persons and property-jars often explode, oven doors fly off-you could be seriously hurt and your kitchen ruined.

Open-kettle canning is wasteful for fruits and tomatoes and for other vegetables it is dangerous. They never become hot enough to destroy the bacteria. Use this method only for preserves, pickles and other foods with enough sugar or vinegar to help keep them from spoiling.

It is impossible in the short space allotted to the Woman's Page to tell you just how to can your various fruits and vegetables, but the Department of Agriculture has issued a splendid pamphlet,



AWI-93, "Home Canning of Fruits and Vegetables," that explains every step of processing and canning of all the ordinary vegetables and fruits. This handy bulletin gives exact directions on how to prepare each fruit or vegetable and an exact timetable for processing them in the boiling-water bath or the pressure canner. It also gives a table for determining the yield of canned fruit from fresh.

This pamphlet may be obtained free of charge by writing:

United States Department of Agriculture, Washington, 25, D. C.

If you are interested in the "deep freeze" method of preserving your victory garden produce or in dehydrating it, and in other material on food preservation. here are some additional helpful Department of Agriculture publications which may be had for the asking:

Oven Drying-One Way to Save Victory Garden Surplus. AWI-59.

How to Prepare Vegetables and Fruits for Freezing. AWI-100.

Home-made Jellies, Jams and Preserves. 1800 F.

Preservation of Vegetables by Salting and Brining. 1932 F.

Home Storage of Vegetables and Fruits.

Freezing Meat and Poultry Products. AWI-75.

AND SEW

So much for canning this month. Now for a note on wearing apparel. Have you said yourself and heard your friends say, "Clothes are out of sight, \$16.95 for a simple wash dress!" It's true, clothes are terribly high. Well, have you thought that you could possibly make yourself some very attractive dresses at about one-third the cost of buying them? It really isn't so hard at all even for green beginners, if they will just begin with simple patterns first and follow directions carefully. Here again the Department of Agriculture has come to the fore with a concise bulletin called, "Making a Dress at Home," and it gives complete instructions for doing just that.

Another invaluable little pamphlet and one almost indispensable in this day when everyone is trying to conserve clothingto make the old clothes last as long and look as well as possible-is "A B C's of Mending"-No. 1925, also a Department

of Agriculture pamphlet.

MISCELLANEOUS HOUSEHOLD HINTS

On Making Ice Box Ice Cream

The secret of making smooth ice cream in your electric refrigerator is keeping the ice crystals small. Air bubbles whipped in help to do this and rapid freezing aids. The thinner the cream used, the more thickeners (gelatin, eggs, flour or cornstarch) are needed. To keep the ice crystals small be sure to take the mixture from the refrigerator when partly frozen, whip it and return for final freezing.

On Laundering

Too much of a thing is often as bad as not enough. Soaking white cottons or linens before washing loosens dirt, saves time in rubbing or in running the washing machine and wear on clothes.

Too long a soak, however, allows the soiled water to be drawn into the fibers of the cloth, so may be worse than no soak at all. Two hours in soft, lukewarm soapy water is enough to loosen the dirt, but an overnight soak may be more convenient for the housewife. Longer soaking than this may do more harm than good.

Pick-Me-Up for a Rayon Dress

To give body and stiffness to that old sleazy rayon dress, give it a gelatin dip. Two tablespoons of gelatin softened in cold water, then dissolved in boiling water will do the trick. Pour the solution in a bowl large enough to hold the dress and add enough cold water to make it comfort-

(Continued on page 316)



Correspondence



L. U. NO. 1, ST. LOUIS, MO.

(Continued from July)
DID YOU KNOW:

Editor: That in a recent flood at the foot of Ferry street in St. Louis, Frank Clapper paddled his own canoe, laying down on the job, installed a conduit, wire and fixtures in the basement of an industrial plant. St. Louis wiremen don't have to use stilts—our contractors furnish ladders and rowboats. Frank also caught enough fish for a gathering at his home the following evening. Who says work and pleasure won't mix?

That LABOR BUYS MORE WAR BONDS THAN ANY OTHER GROUP IN AMERICA!
That every new battleship requires seventy-five tons of rubber, or enough for 17,134 automobile tires?

That question 3 on the third page of income tax blank 1040 reads: Was the rate of your salary increased or decreased during your taxable year? (Yes or No), and that the question simply cannot be answered by a simple "Yes" or "No."

Answer: The author of that classic question 3 interprets it thus: "The frenasite of the copethetic should amount to the sum libimantically equal to the gamboid." (I bet a wireman figured that out—WOW!)

That the writer received a letter from Frank Fitzler member of Local No. 1, who is in ward 1, annex 2, Veterans Administration Hospital in Wood, Wis. We would be glad for any member to call on Frank when in that territory. His wife is working hard and asks me to remember her to him in the article. Frank's son has been in the South Pacific for over a year. Best of luck to both of you.

That only one letter was received from members of the Brotherhood answering my request as to whether or not we should continue the articles on "Electronics."

That W. McDowell, member of Local No. 230, Victoria, B. C. was that only member. Brother McDowell, I want to thank you for your very fine letter appreciating Local No. I's articles. We do the best we can with the little time we have. May I refer you to a course by the Westinghouse Electric Company, Pittsburgh, Pennsylvania. They have a very fine course for \$100.00, furnishing slides, sound records, text books, and descriptive matter for 25 men—or \$4.00 per man. They also advise that additional copies of text books may be had for \$2.65 each. Included in the course is one instructors manual. With this equipment you could hold as many courses as you wish. It would be necessary to borrow or rent a slide projecting and record machine. Local No. 1's educational committee is planning this course for its members when the vocational school class is finished.

That we are glad to know our friendly neighbor north of us remembers St. Louis and Local No. 1, the first local established on this continent. We also want to apologize if we have ever used "national" instead of "international" in any of our articles, for we think very kindly of Canadians and all of you up north.

That Charles E. Wilson, Detroit, president

READ

More sound voting advice, from L. U. No. 3.

L. U. No. 26's set-up—"the Potomac River Command."

Catch up on the broadcasting news, by L. U. No. 48.

In condemnation, by L. U. No. 353. L. U. No. 409 says "Go forward, I. B. E. W."

L. U. No. 434 goes steadily ahead. Get the truth across, by L. U. No. 449.

The right idea, by L. U. No. 611. L. U. No. 702 waxes poetical.

Into mid summer we plunge with no abatement of enthusiasm for ideas.

of General Motors, and Alfred P. Sloan, Jr., chairman of the board of General Motors, should "judge not, lest ye be judged."

"Industrial leaders have so torn down respect for organized labor and common decency that they themselves are caught in an undecorous panacea."—(M. A. N.)

Mr. Sloan definitely stated that he was an anarchist when he said "You know I am a violent anti-New Dealer." Such a statement in time of war is treason in any patriotic person's mind. Webster's dictionary states an anarchist is an opponent to all government and Mr. Sloan even mentions "violent."

Any company who has plans of spending \$500,000,000 in expansion, already has plans to make more than a fair return on its investment—without appealing to the chambers of commerce to help them to make slaves of the working man. These large industrialists use the cloak of words well placed to make the public feel sorry for them and if they would use their golf club hands to produce their income they would be paupers.

Sloan states "the problem is to capitalize the intelligence of the people, and to develop such economic and other measures as will enable us to move forward in a bigger and better way."

I have underscored certain words in the above statement for a reason—read between the lines—(clever) Sloan's problem is to capitalize on our intelligence to develop other measures as will enable (us) Sloan to move forward in a bigger and better way. I am wondering what other measures are? When you decipher his statement it means just what any intelligent person could understand. His statement reads like an insurance policy—the wording is so pretty that you think you are covered completely, but when there is a claim—the agent will explain it to you that you misunderstood the meaning.

M. A. "Morry" Newman, P. S.
The Lover of "Light" Work.

L. U. NO. 3, NEW YORK, N. Y.

Editor: Please publish the following contribution from Brother Frederick V. Eich, a member of our educational committee.

By the time this appears in print the two big political conventions will be history and the air, the newspapers and every other means of communication will be utilized to spread political propaganda and it will be up to us to sift the wheat from the chaff. Promises will be a dime a dozen. Don't be a sucker for a good line. Check up on the past records of those making the promises before going overboard for them. We none of us expect that all election promises, even when made in good faith, can be kept. But we do want an earnest effort made to keep them and the one way we can get that is to vote for men who are known for trying to keep their promises in the past and therefore will be reasonably certain of keeping them in the

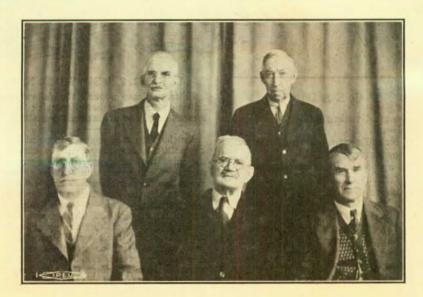
Postwar planning, to date, is still for the most part talk and again it will be up to us to see that these plans are not only made but also carried out. Meanwhile we can do some planning of our own when drawing up working agreements for the next year by providing for employment slumps by writing clauses into our agreements providing for shorter work days and weeks to spread the work among the many. There is no reason why, after the war rush is over, anyone should work eight and 10 hours per day while others starve. Proper planning can bring about conditions so that no one will have to live on a subsistence wage but we will never get that kind of planning if we permit the stooges of big business to do the planning without labor being represented at the conference table.

To get that representation labor must not sit back on its haunches as it did at the last election and let the disciples of reaction get a strangle hold on the Congress of the United States. Labor will have to make it an order of the day, as they say in the Army, to get out and vote even though it means a certain amount of hardship to do it. Until the Anti-Poll Tax Bill or a constitutional amendment outlawing the poll tax is passed there isn't too much hope of getting rid of the Rankins, Smiths, Coxes and their ilk from the South, but we who live in States that do not have the poll tax can, if we like, send enough of the right kind of men to Congress so that these reactionaries' efforts will be futile. This will also hasten the day when those who are now so brazenly deprived of their votes will really come into their own as citizens.

The daily news from Washington, D. C., if you read more than the sporting page and the headlines, will indicate the trend of the present Congress.

We see that the House recently approved a cut of \$4,000,000 in the appropriation for the Social Security Administration and if it had not been for the efforts of Senator Robert La Follette, the Senate would have concurred. All this at a time when the Social Security Administration is handling more accounts than it ever had before as a result of the millions working in war plants. Now this bill goes to the conference committees of the Senate and House where it is still possible that the cut will be sustained. This is only one

L. U. No. 200 Proudly Presents



Local Union No. 200 held a banquet on April 29, at the Montana Hotel, Anaconda, Montana, in honor of five retired members of the I. B. E. W. The retired members are Michael Gallagher, Alex Jones, S. J. Soloman, Dave Pratt, and John Holmberg. Over 70 persons were in attendance and all of the persons who were there came for the sole purpose of paying their respects to the above-named retired members.

President McDermott presided and delivered the eulogy and presented each member with a badge of honor. Brother T. J. (Gov.) Walsh acted as master of ceremonies. Short talks were given by Mr. W. E. Mitchell, manager of the Washoe Smelter; Mr. C. A. Lemmon, superintendent of the Smelter; Leonard Larsen, construction engineer; R. P. McCarren, superintendent of electrical work; Mr. M. W. Buck, of the Montana Power Co., and Mr. Bollinger, of the B. A. of P. Railway. Among the Brothers called upon to give short talks were: James Hagen, Tom Roe and Brother Bell, of the I. O. of Denver.

Members of the committee on arrangements were: M. J. Mee, W. R. Bresnahan, George Crandall, Ed McDermott and Charles Des Chenes.

Brother Gallagher served his apprenticeship in Glasgow, Scotland, to where he emigrated from Ireland at the age of 15 in 1882. He belonged to the old linemen's union in 1888, a short time after coming to America. (There were three locals of linemen at that time, in Pittsburgh, Pennsylvania, Milwaukee, Wisconsin, and Denver, Colorado.) He joined Local No. 9 in Chicago in 1892 as a charter member. He worked at the world's fair in 1893. He has been a member of the union ever since that time. It is the impression of our committee that he is one of the oldest in point of membership alive in the United States.

Brother Jones joined the I. B. E. W. in London, Ontario, Canada, in 1900. He came to Anaconda in 1902, stayed a short time, then went to Helena, Montana, where he helped to organize a local. He returned to Anaconda in 1908 and has been in Anaconda ever since. He was president of the Helena Local No. 185 at one time and has held all of the offices in Local No. 200.

Brother Platt joined the local here in Anaconda; he worked at the old works. He has been in Anaconda ever since and is a charter member of the local. Brother Platt still attends nearly all of our local meetings.

Brother Soloman joined the local here in 1906, has worked almost continuously at the street car barns. He will be remembered by past members of the local.

Brother Holmberg recently retired (April 1, 1944). He is a charter member of Local No. 200 and will be remembered by a number of members who have worked out of this district.

They are pictured here, from left to right, bottom row: John Holmberg, Michael Gallagher and S. J. Soloman. Top row: David Platt and Alexander Jones.

of many such actions, all aimed at making the working people less independent after the war so that big business can have a cheap and plentiful labor market.

Check up on those who are the tools of the American Medical Association in its all-out efforts to defeat the hospitalization and medical care provisions of the Wagner, Murray, Dingell Bill amending the Social Security Act and then ponder on what this act will mean to you.

Don't let these people who are fascist at heart defeat the purpose for which our people in the service are fighting. Last, but not least, buy War Bonds and pray that we may have an early victory and a just peace.

JERE P. SULLIVAN, President

L. U. NO. 26, WASHINGTON, D. C. Government Branch

Editor: In this, my initial effort as press secretary of the government branch of L. U. No. 26, I'd like to state briefly the various places known as "The Potomac River Command" from which our organization draws its membership.

The Navy Yard, located in southeast Washington on the north bank of the Anacostia River, is different from most Navy yards due to the fact that it does a very small amount of actual marine work. Notwithstanding, the yard takes its place among the great industrial plants of the East.

The Torpedo Station, which stands on the south side of the Potomac River at historic Alexandria, is, as its name implies, concerned with all types of torpedoes.

The Naval Air Station, D. C., situated at the junction of the Anacostia and Potomac Rivers, has been a pioneer for the hydrobranch of naval aviation.

The Bellevue Research Laboratories border on the Potomac River just south of Bolling Field.

A giant naval air station is now being constructed at the mouth of the Patuxent River on 23,000 acres of newly-acquired property. This station, it has been reported, is to be the world's largest land and sea base. Through the cooperation of one of our members who has been working on this project, the electricians were invited to an open meeting, at which time a large percentage of them were organized.

After discussing matters pertaining to the work, it was decided to send a committee there for the purpose of creating a better relationship between the officers and men of the station. Our committee, which included our genial president, Neil F. Graham, and Brother John Duhig, met with 100 per cent cooperation. They received a request for additional men, so if there are any other Brothers who are interested in journeying to the shores of the Chesapeake (remember, fishing is good here most of the year), you can write for further information to: The Naval Air Station, Patuxent, Maryland, Personnel Relations, care Mrs. Nichols. This project is to be a permanent base, not only for use during the war.

Brother MaCahill has been appointed shop steward at the Patuxent station. Judging from his talk at the meeting recently, he should be well qualified.

We have a number of men stationed at various hospitals, schools, and institutions in this area which at present are under naval command, as well as the Navy Department buildings.

St. Elizabeth's Hospital is under the jurisdiction of our local, but is not included in the "Potomac River Command."

There is much enthusiasm being shown among the Brothers over one of the current war training courses being offered at the George Washington University. Through the efforts of our ex-vice president, Brother R. T. Robinson, chairman of the educational committee, the course has been adapted to the needs of the men here at the Navy Yard. There are 90 men registered.

J. E. SHINDLE, P. S.

L. U. NO. 28, BALTIMORE, MD.

Editor: Our biannual election of officers took place on schedule and, although great interest was displayed, there was little excitement and the business of selecting new officers took place quietly and with very little display of excitement.

Brother Carl Scholtz was elected to the office of business manager without opposition. Brother A. Knoedler, president-no opposition. Ed Rost, vice president-no opposition. George Neukomm, financial secretary-no opposition. There were some changes on the executive board. Bob Miller is the newly-elected member. We're uncertain at present whether there was another change on the board. Ken Davis was the new member on the examining board. The judges were: Kries, Ed Garmetz, and C. Carter. At this writing installation has not taken place.

We note that the press secretary of Local No. 26 corrected us in our letter to the May issue wherein we stated that the Bowen Brothers engaged in the contracting business. Jack, we learn, is connected only in the capacity of outside superintendent and estimator. We'll stand corrected.

Local No. 212 expresses its appreciation to Local No. 28 for its treatment of some of her members. We were glad to be of service and appreciate the fact that our efforts were well received. Most likely we may be in a position to repeat the performance in the future.

Local No. 309 had some very interesting notes on line construction, which methods we understand are quite old, in fact, so old that they're new. These methods made for safety and this fact should insure universal adoption by linemen.

We're wondering what type of poison propaganda was fed to our boys in the Navy that caused some of the crew aboard one of the naval ships to display a grim sense of humor by collecting funds among themselves to send to some workers striking in one of the plane factories to make up an increase in wages demanded of the employers. We'll wager our last dime these boys were never informed of the tremendous profits earned by the manufacturers of war materials. The above occurrence once more clearly demonstrates the extreme need for proper news and information clearly informing the armed forces of the real facts as pertains to labor on the home front.

It seems that labor organizations never learn or else deliberately blind themselves and the rank and file as to real and true facts. Imagine if you can, any type of labor body advocating, recommending and actually demanding that other labor organizations lower their rate of pay to meet the low-paid scale of the protesting organization; in addition to that, demanding increase of working hours in order to increase the weekly wage. This is all evidenced in a publication of a labor organization, that we're proud to say, has connection with the A. F. of L. Here we have picture of labor fighting labor. What a picture!

We learn that Melvin Keller, a new member of No. 28, is now an electrical instructor at Bainbridge, Maryland. He is a vocational school graduate and is 26 years old. We think he joined our organization three years ago. The boy evidently made good in the Navy in order to give training at this Naval boot training camp.

Brother Lou Hefner paid us a visit on board one of the ships at the yard. Lou was in uniform and made quite an appearance.

We're uncertain whether we announced to

the world that Mark King is now or was recently a papa for the third time.

We learn that steps are now being taken in forming plans to be put into effect when war activities are concluded.

We learn that Bill Efaver received doctor certificates from Charles Ward to excuse him from something or other. Incidentally, Bill was in the midst of quite a bit of excitement lately. It should not happen to a dog, eh, Bill? R. S. ROSEMAN, P. S.

L. U. NO. 48, PORTLAND, ORE.

Editor: In compliance with FCC regulations, operation of two broadcast stations by one company is being abandoned in Portland. This will mean more jobs for members and will require more ops to man the stations. A first phone ticket is required for membership. If you have same and like the looks of the country or C. of C.'s pictures, drop a line saying so. Address Local No. 48, Labor Temple, Portland.

The Oregonian Publishing Company, owners of KGW and KEX, Red and Blue, have announced the sale of KEX to Westinghouse Radio Stations, Inc. The date of separation determined at this has not been Rumor has it that we will some day have an ultra-snazzy 50 KW xmtr pushing those three letters of KEX up-up-and out. Our information is that the new owners will take over any existing labor-management contracts.

No information at hand re definite sale of KALE, Mutual, which is operated jointly with KOIN, Columbia. Press releases say KALE has leased space for separate studios. There are no other local stations affected by the new

rulings.

Since studio fire at W and X last year, the KWJJ studios have been housing all three. A great many changes have taken place in Portland's "Radio City" and the working

CAN YOU DO IT?

Seems as if Nick Carter really started something when he suggested this column. It's rapidly becoming one of the most widely-read features in our Journal. We're getting in some fine replies every day to our questions and problems and every Brother concludes with, "'Can You Do It?' is a fine feature. Let's have more of them from Brothers all over." So come on Brothers everywhere-let's have your pet problems.

Here are the answers to the questions by Brother Ray R. (Old Juice) Welch of L. U. No. 415, Cheyenne, Wyoming, which appeared in the July

(1) Fuse Markings: Plug fuses of 15 amperes rating or less shall be distinguished from those of larger ratings by a hexagonal opening in the cap through which the mica or similar window shows, or by some other prominent hexagonal feature such as the form of the top or cap itself, or a hexagonal recess or projection in the top or cap.

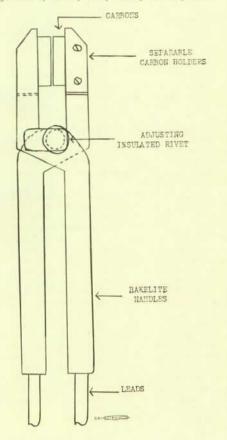
(2) Lamp Bulbs: On the lamp bulb cartons that you see on the dealer's shelves, you will notice the markings A-19, G-25, T-8, P-19, PS-30, etc.

The letter in the bulb designation indicates its shape and the figure its diameter in eighths of an inch. Thus a PS-30 bulb is pear shaped and is 30/8 or 33/4 inches in diameter. "G" indicates a round (globular) and "T" a tubular bulb. The letter "A" indicates a standard-line-bulb shape with inside frost unless otherwise noted.

Now here's a "Can You Do it?" from Brother Nat Freedman of L. U. No. 3, New York, New York, and is a real problem for our members because Brother Nat doesn't know the answer but is anxious to have some fellow union member solve it for him.

He states his problem as follows: "I have been using a heating element made by the Ideal Commutator Dresser Company, Model No. 5-A, for the purpose of heating various metals to do soldering, etc. The carrying capacity is 6 amps., 110 volts, 60 cy., transformer.

"Will some Brother kindly let me know how I can make one on a smaller scale without using a transformer as I have no facilities for making the coils. Of course I can use lamps if possible, but that would only cut down the voltage. Would you advise me to use a bell transformer, 110V. to 6V.?"



conditions are very much improved over what they were in our older studios. As soon as the new air cooling system gets going the place

will be up with the best.

B. M. Nordahl attended a meeting with the broadcast gang at Seattle and carried on a discussion re the activities of both groups. B. M. Steele of Local No. 48 attended the meeting concerning the question of radio service in relation to radio broadcast. Business Manager Bob Smith of Local No. 77 Seattle, was a very fine host and showed us all the broadcast facilities in Seattle. Our gang here wants to sorta carry the torch in this endeavor to get all our locals working together. The International Office might some day be able to give us a lift on the cooperation angle by having one of the International Office representatives keep an alert eye out for broadcast happenings.

I'm willing any time to toot our horn if it will help the other locals to get going. We definitely have a smooth running local here and our conditions are good and we intend to make routine smoother and conditions better throughout the years. That chip on our shoulder saying "second oldest broadcast local" has not been knocked off yet. Meetings are at 7:30 p. m., first Monday. If you are up for vacation, drop in. If we can be of help with your problems, write. A good organization requires plenty of pushing and hard work. Keep pushing-it's worth it.

KGW has applied for a FM license, the previous application having been set aside after Pearl Harbor. The location is on Council Crest, a thousand-foot ridge west of town, about a mile airline from present KOIN-

KALE xmtrs.

H. C. Singleton, chief of W and X, who in working back east with Professor Terman on Army-Navy work, came through on the fast express and checked up on construction of studios and routine operation of stations.

Word has been received by Mrs. Paul Searles that Paul is missing in action in the Pacific. He was a Lt. (J.G.) on a torpedo bomber. We were fortunate enough recently to have seen his photo with other crew members printed in the daily paper. Paul held down a transmitter shift at W and X and it is with an empty feeling that we realizeit must to all men."

Local No. 48 is right in there pitching, trying to help our boys in service. Cigarettes are being sent overseas; numerous local quarters have been given complete furnishings for use by the various service branches. A billboard campaign of prominence is also kept going by the members of No. 48. They particularly emphasize the need to buy bonds and other deeds of good citizens. The label trades section also uses billboards to advertise "Look for the Union Label."

Art Bean on duty at W and X recently had the unusual experience of having both programs go dead. Call wire and city phone also dead. Talk about "no paddle," this was it, if ever. He had to close 'em down and drive to a city phone. Then looking over the land, a picture of a plow tangled up with an underground cable showed up. A trip to the xmtr building, a mile away by road, was necessary for tools; then a temporary connection was made between the ends of program circuits (thanks here to somebody for colored pair, markers, tracers, etc.) and then a rush back to xmtr to see if luck was riding along-FB and so on with the carriers-and OK for 10 minutes-then in comes the phone company on the pairs with test talk from a downtown office for 15 minutes-more gray hair. Program time lost one hour, 22 minutes. Collection being taken to buy the boy a membership in the splicers' union. Hi!

Another old-timer here is going for the Navy. Carl Anderson is heading for boot, then into ship repair unit. An old marine op, away from the sea too long.

This is it for now-remember we are interested in what your local is doing-get it into print, Brothers.

You bought your share, didn't you? Buy More!

J. A. ERWIN, P. S.

L. U. NO. 80, NORFOLK, VA.

Editor: No drastic changes were made at our recent election of officers for the ensuing two years. Brother T. A. Heywood was elected vice president. All other officers remain in office, with minor changes on the executive and examining boards.

Brothers, we can and should keep our attendance in accord with the two meetings held in June. Attend and bring a friend.

Everyone seemed to have a very enjoyable evening at the fish dinner and dance held on June 16 at the Pythian's Castle. We owe Brother Callis many thanks for his efforts, Many Brothers have expressed surprise at the success of the party. I'm real glad to hear that Brother Gus Wolfe got home OK and didn't fall in the bath tub. I can't understand why Brother Cobb doesn't teach that "Blushing Blonde" helper of his to get out and have a really good time.

Say that is about enough from the lap-over (where Virginia laps over into Carolina)

E. A. (MACK) McCullough, P. S.

L. U. NO. 86, ROCHESTER, N. Y. (Continued from July)

Editor: On the night of April 29 some 40 of the boys from the Eastman Camera-Duffy Powers job journeyed to the Atlantic Recrea tion Hall to participate in a few games of bowling after which they repaired to a fine buffet supper.

During the course of the evening sides were chosen and the "battle of the century" was on between the "Uschold Sluggers" and the "Granning Warriors" and the former got the decision. However, there was some dispute as to the prowess of the "Sluggers", as the pilot of the "War-riors" protested so vehemently to the pilot of the "Sluggers" that they finally decided to roll three frames together to decide the outcome which was inevitable from the start.

Captain Uschold stepped up to the foul line, took one look at the ten miniature "Charlie McCarthy's" at the end of the long strip of maple, then took ten paces backward where his teammates gave him encouragement and his handlers gave him a brisk rubdown, one befitting so gallant a pin smacker.

Suddenly without any more adieu he waved everyone aside, took his position, strode a few steps and let the spheroid fly. Pandemonium broke loose as the ball followed a true course to the side of the No. 1 pin and cleaned the rest of the maples off the alley. From that time on the "Sluggers" knew that their mentor and pilot was in rare form and there could be only one result-victory!

However, the Captain of the "Warriors" was not to be brushed aside so easily. Neither was he to be rattled by the catcalls and boos of the "Sluggers" as, donning his heavy sweatshirt (size 52), he convinced his teammates that he had been in competition before, in fact, at the end of the third frame the score was so close in favor of Captain Uschold that Captain Granning pleaded for two more frames hoping to catch the wily captain of the "Sluggers" napping. In this he was to be frustrated, for at the end of the fifth frame Captain Uschold was in the by 10 pins. After this torrid frame Captain Granning meekly consented to accept the bitter pill of defeat offered by the captain of the "Sluggers" after which every one participated in the magnificent buffet supper which was spread before them.

Among the high lights of the evening was

the superb exhibition of bowling by our business manager, John Downs, who toppled the maples for a score of 280, thereby putting him in the hall of fame and higher in the good graces of all members of Local No. B-86, who are as fond of him as Bing Crosby is of his pet race horse.

Also coming in for their share of laurel was our "boy marvel" Gus Helbing, who it was said, split the No. 1 pin right through the center, and Frank Englert who had two pin boys working an overtime shift. In fact, one of the boys said that would be his last time piling up the maples for Frank unless he (the pin boy) was paid at the rate of double time. Fred Siems proved to be the "bowler de luxe" of the evening, he knocked off the "jack pin."

All in all it was a very successful evening with all the boys retiring in good spirits the "Sluggers" to rest on their laurels, and the "Warriors" to plan on a course of strategy to be used at some future date.

CARLETON E. MEADE, P. S.

L. U. NO. 103, BOSTON, MASS.

Editor: Brother John L. Sullivan received the endorsement of Local No. 103 in his cam-paign for the office of sheriff of Suffolk County, which comprises the cities of Boston, Chelsea, and Revere. These cities have a population of one million people.

Brother John L. Sullivan has been a member in good standing of Local No. 103 for 20 years; and we members are proud to support this Brother, who has seen fit to educate himself in the following schools and colleges:

High School of Commerce

Boston Trade School

Boston University School of Business Administration

Harvard College.

He also is an active member in the following organizations:

Member, International Brotherhood of Electrical Workers

Delegate to Boston Building Trades Council and Central Labor Union

Edward Everett Associates Willow Social and Political Club

South Boston Young Men's Democratic

South Boston Independent Voters' League. Brother John L. Sullivan asks the active support of all the members and friends of Local No. 103. The committee for John L. Sullivan for Sheriff of Suffolk County, can

be contacted at 664 Columbia Road, Dorchester 25, Massachusetts.

Enclosed is a little offering by Brother Mike McGonagle, to the next sheriff of Suffolk County:

THE NEW BOSTON STRONG BOY

As years roll on we finally see, A candidate for public office from Local 103, In the county of Suffolk in the Old Bay State, We are all working for his success early and late.

He is John L. Sullivan, well liked by all, Running for sheriff election this fall He has handled screws on the job, He will handle screws in the jail. Let's put him up in the Court House And we'll never worry over the bail.

The regular election of officers of Local No. 103 for the next two years was held on Saturday, June 24, 1944. The following Brothers were elected: John Queeney, president: John Gilmore, vice president; William dent; John Gilmore, vice president; J. Doyle, financial secretary; Frank L. Kelley, treasurer; William F. Sheehan, recording secretary; Edward C. Carroll, business manager. Executive board: Joseph A. Slattery, William C. Horneman, Andy Jasse, Joseph L.

Murphy, Fred W. Sheehan, John Deady. Examining board: William Cronin, Edward E. McGrath, William Ralph, Robert F. McGuire, Keith Kimball. Massachusetts State Electrical Workers Convention: John J. Reagan, Frank L. Kelley. State Branch A. F. of L.: J. A. Slattery, William J. Doyle, John Queeney, Edward C. Carroll, William C. Horneman.

The officers and members wish to thank the election committee for the orderly and efficient manner in which they conducted this election.

To the elected officers, the entire membership extends its sincere wishes and the best of luck in their arduous duties for the coming two years.

JOE GENERAL, P. S.

L. U. NO. 104, BOSTON, MASS.

Editor: Election! This is the magic word that has been on the lips of the members for some time back. And it has so fascinated some of the boys that they have been seeking out others of our members to talk about it. It has made such a wide appeal that all are charmed to make it the topic of general conversation. And if you could have listened in on some of our meetings you would have heard interesting discourses that showed a membership rational, intelligent, and well-informed on this important subject. And all in all we are agreed that among other things it is and should be one of the most fundamental activities of all our locals. Could you have been a gallery spectator at the meeting at which we nominated the good Brothers for the local's several offices you would have had a good picture of the New York or Chicago stock exchange at their busiest. The minute the chair announced an office open for nominations it seemed the whole local was on its feet, waving hands and in loud voices offering favorites for the office for the good of the union. If the situation had not been adroitly handled by the chair there was some fear that most of the good Brothers would have been on the ballot with few of us left to campaign among. When it was all over and a check-up was made of the list it was found that the cream of the local had been offered for the different offices with the extra special ones to be elected later on. Election day no doubt is the same for candidates the world over. The waiting and the suspense and the hopes and the fears are enough to be endured every not-too-many years. You watch the voter as he comes in and leaves, that perchance by some word or action he may disclose just how he has voted and you tally him up on the red or black side of the ledger. And how you wish that when the black outnumbers the red the polls would close and give you another term of office still for the good of the union. And when it is all over the relief is the same as when you throw off the pack and stretch out prone after reaching the top of Mt. Washington. All are rejoicing that we picked the elite of the local as you shall see when they are featured in this department next month. Such elections should be held much more often because it is so refreshing to find out all the good friends who come to light that you didn't know you

Local No. 104 is most happy to call your attention to that good-looking fellow featured and photographed in the June issue of the Journal. If you run through the Journal you can't miss him for he is the best-looking of all the gentlemen pictured there. Local No. 104 is proud to claim him as senior officer of all our locals in this district. International Vice President Regan is not only the buffer between our organizations and the business world, but he it is who keeps us all going and on an even keel. Local No. 104 commends Brother Regan for his many and weighty words of wisdom and endorses 100 per cent all the excellent things said about him. And, too,

* * * * * * * * * * * Loss to Local 349



Here is a photograph of Robert De-Pree, radio tail gunner, killed while on maneuvers in Louisiana, February 6, 1944. He was a member of L. U. No. 349 of Miami, Florida, and the local's first casualty.

she could say many nice things about him on her account. Brother Regan, Local No. 104 salutes you and gives you best wishes for continued and increased success and prosperity for years without end.

HAM, P. S.

L. U. NO. 108, TAMPA, FLA.

Editor: For the benefit of many of our Brothers who are scattered all over these United States, we report herewith on the results of our biennial elections held June 14.

President: Tommy Payne; vice president, W. J. Blosfield; business manager, A. E. Lipford; recording secretary, Johnny Mac-Kinlay; financial secretary, Ralph Sampson; treasurer, Charlie Schmidt; executive board, chairman—E. B. Payne, secretary—Johnny MacKinlay, members—H. M. Powers, Bob Jack, Sherman Pitts, Ray Benohr, and B. F. Hagerman; examining board, Tom Johnston, Tommy Payne and G. R. Hooper.

These officers are to be installed at our regular meeting, Thursday, July 6.

A women's unit of the Electrical Workers at the shipyards has been formed and they have elected the following officers: Chairman, Mary Chapman; vice chairman, Lily Mc-Murty; recording secretary, Lois Boland. They will be installed at their next regular meeting Friday, July 14.

Shipyard work is still going strong, but building trades work is very quiet, but we believe it will really break loose around here after the "duration" is over.

We received a copy of the first issue of Busy B-11 of Los Angeles County, California. It is an interesting magazine, and we think it would be a good idea for the JOURNAL to copy the articles on pages two and three. We have so many new war-born members who as yet do not understand the benefits and ad-

vantages a membership in our Brotherhood brings them. These articles would help to set them on the right track. Keep up the good work B-11.

Florida locals, don't let down on your fight against the "No-Closed-Shop Amendment" to be voted on next November. We must have "labor liberty" for our returning war veterans.

The writer was a returning war veteran from World War I and managed to survive during the anti-union period in Florida after that war. Let us work and fight against a repetition of it.

CHARLES A. SCHULDT, P. S.

L. U. NO. 129, ELYRIA AND LORAIN, OHIO

Editor: It is with great pleasure that we can report that there is a Local No. 129, of Lorain, Ohio. I, your undersigned press secretary, have been a member of No. 129 for about two years and will say that we have a very good Brotherhood here. Our local, in a way, is divided into two branches, one known as the outside branch and the other as the marine branch, and you tell Hitler and Tojo if you chance to meet them before we do that the marine boys of No. 129 are building ships in the American shipyard of Lorain, Ohio, that receive very high praise from the Navy, as equipment that can really take it.

We are sorry to say that two of our mine sweepers built here have been lost in action but most of their crews were rescued, for

which we are thankful.

We have a membership of approximately 300 but we are like all the other of our brother crafts whose membership comes and goes with the present demand for men in the armed service and labor conditions. We have members of No. 129 all over the world and some of our good Brothers have boys in all parts of the battlefronts and on the invasion lines, also we have quite a number of women members, some of them mothers with boys in the service and some of them with their husbands in service and we will say that we take off our hats to our women and girls of America for the big part they are playing in the battle on the home front.

We also believe in the missionary spirit of America. We gave a substantial donation to the telephone fund for the Crile Hospital of Cleveland. It means a lot to those boys who have been wounded in action on foreign soil that as soon as they get into a good hospital in the U. S. A. they are permitted to talk with mother and loved ones at home. It is as good a treatment as they could get. We also gave a good donation for the veterans' fund.

At this present writing we give you a clipping from the American Ship Builder, our monthly yard paper. Bill Harvey, better known as Scotty, went 67 days on 837 as an electrical maintenance man taking care of temporary lights without having a fuse blown out. That, in the shipyard is a marvelous record. Incidentally, 837 is the fourth boat that has been commissioned for service from our yard this year.

There is a fund in the shipyard known as the Sentinel canteen fund. It was inaugurated by the Electricians with John Werner, one of our stewards and assistant financial secretary of our local, as president of the ship fund. The purpose of the fund is to present every ship commissioned in the yard with the sum of \$100 for their ship service store or canteen. We are grateful to all the other A. F. of L. crafts in the yard for their support in this movement and we have received several nice letters of thanks for this donation.

As this is our first correspondence we will sign off for this time. Our good Brother, Tom Burton, manager of our ball team, informs me that he will have a good picture of the ball team and at some later date we may send you one for publication if you have space.

Our welfare picnic is scheduled for July 16 and the bond drive is in full swing so we are going to buy bonds to build boats to blast the Japs.

GEORGE BRUCE, P. S.

L. U. NO. 212, CINCINNATI, OHIO

Editor: Here in Cincinnati we of Local B-212 are all concerned with our biennial election which by the time this issue of the JOURNAL is in the mail will be history. A union election is always a fine motive for good fellowship as the members are always out to vote for the man who in their own belief will serve their interests best.

On our sick list at this current writing we have the following: Alvin Gerke is ill, Harold "Rags" Bertke has a bad right arm which required an operation. Report C. Crine and O. Blusing somewhat better, John Neiberding and Sam Keller still ailing. C. Schmidt's reporting ill. William Wickers returned to work.

On our military front we report Bernard Macke has been made a sergeant in England. Also Walter, Jr., son of Walter "Red" Cassidy, has been made a second lieutenant and is an instructor at Selina, Alabama. Good luck, Bud and Walter, Jr. Also wish to report William Kieley, Jr., son of our member, William, Sr., was given a medical discharge from the Army on April 30; also Richard Maley, son of "Chick", is now an instructor in the United States Marine Corps. Good luck and best wishes to all our members of the armed forces everywhere. God bless and keep all of you well and strong so you will all come back to your home and us.

Our annual picnic is scheduled for July 22 at Gutzweilers Grove. All of our members please come on out and have a real day. Bring your wife and kiddies and enjoy yourself to the utmost. The picnic for our members is always a great affair, so it behooves each and everyone to make this year's a bigger and better one by coming out to the picnic grounds and helping make this a bigger and better affair.

A late military note tells me Brother John D. Wald leaves for the Navy July 1. Good luck, Johnny.

Also a late sick note informs us Charles Appel was operated on for appendicitis on June 23. At this writing Charlie is feeling OK and coming along nicely. Also understand Louis Grissby injured his back last week. Hope it is not serious, Lou.

And now for the complete election returns: For president, William Cullen (new president); vice president, James Donaldson (reelected); financial secretary, John Brennan (re-elected); recording secretary, Edward M. Schmitt (new secretary); treasurer, Frank Burkhardt (unopposed): executive board, Daniel Johnson, Arthur Surnbrock, Leo Ober, Robert Newman (all four re-elected); examining board, Elmer Bollman (re-elected), Howard Stapleton (re-elected), Alvin Gerke (new member of examining board); business manager, Harry Williams (re-elected); delegates to International convention, Harry Williams, John Brennan, William Cullen, Daniel Johnson.

And now Brother members, as election is over and we have a grand bunch of good hard-working officers from your president on down, let's all get behind them 100 percent and give them real support and whole-hearted cooperation. All the officers are always fighting for you and me so let's all help them fight for us. As for myself I want to thank you all for your fine support in electing me your new recording secretary. I shall at all times try to justify your faith in me. I know all the other elected officers want to express their thanks and appreci-

ation also. Don't forget the picnic, brothers. Come on out one and all. And so 'till next issue one again it is—Au revoir.

Local 212's News Hound,

EDWARD M. SCHMITT, R. S.

L. U. NO. 223, BROCKTON, MASS.

Editor: I received a letter and several comments in regard to my first letter in the May issue of the JOURNAL. This gives me encouragement to write another letter.

Bob Holton, who was hurt in the Walsh Kaiser Shipyard, at Providence, Rhode Island, last July, is still unable to work, but is improving slowly. Bert Powers, who is a warrant officer in the Seabees and was home on sick leave, has returned to duty. Also due to lack of interest, the non-rationed supper I mentioned in my previous letter to the JOURNAL has been called off.

The local has a problem that is bothering some of the members, and that is the collecting of the assessment of \$1.80 a week from each member who works a full week. This money is used to pay the business agent. This is difficult on account of many members who are working out of town, and do not attend meetings. Some of the members seem to think the business agent should be fired, as there is little for him to do at present, thereby saving them some money. This assessment has been a problem for a long time, but since the

I. B. E. W. made those increased assessments, it has aggravated our local problem. A cut must be made somewhere, and as they cannot do anything about the I. B. E. W. assessments, the only place left is Local No. 223. There is nothing personal about this, as they think he could be returned to office after the war is over. This problem seems to have divided the union into two groups, one for keeping the business agent, and the other for doing with-

business agent, and the other for doing without him. That is our problem, gentlemen, what should we do? The other day Harold Chase who has been in the local for over 30 years, found in his

home an old picture of the boys from Local No. 223 which was taken away back in 1925 at an annual banquet. We could eat in those days, remember? He showed it to many of the old timers, and believe me, we were a fine looking bunch in those days. Never would believe time could make so many changes.

That seems to complete my literary talents for this month, so hoping to hear from some of the other locals or members who may also have a similar problem, I remain,

RALPH B. BAILEY, P. S.

L. U. NO. 231, SIOUX CITY, IOWA

Editor: I might say just as I started to write this and I meant to make mention that our government work was all cleaned up at the air base, in walks a contractor from Wyoming who asks for three men, which might be a hard bill to fill at that.

He has a contract for some changes which will last a while, and due to our shops all being busy, and everybody working, it will be quite hard to get hold of even three men.

Where all this work is coming from is beyond me, but the boys seem to be busy all the time; of course, most of the jobs are repair jobs, some construction—several pretty good jobs.

A lot of our boys are away on other jobs, in different parts of the country. When it's all over the most of them will undoubtedly return, yet a lot of the boys will like it where they are and stay.

There have been some huge strides in the local here in Sioux City in the last 15 years. I was here 10 years ago, when it really started building itself up and in those 10 years that I have been away there has been quite a change for the better in the local. Some strange faces greeted me, but nevertheless they are Brothers in the organization.

We have hopes of getting the motors shops

lined up which I think will be another big stride for the future. We are going to have to prepare now for the end of the war, even though it is uncertain when the end will come and the boys will be back. They are going to have to be taken care of, also the boys who didn't go—because of age or physical defects and who have stuck to the job at home. Therefore, I believe that postwar planning started now is not too soon, regardless of how some of the people feel about it. There is no use waiting till the bottom falls out then trying to do something about it. Then it will be too late and there will be no success no matter what they try to do.

I really believe that now is the time for all labor organizations and their employers, no matter in what crafts they may be, along with organizations such as chambers of commerce and those who may be concerned in the matter, to work out plans for postwar jobs for everyone who wants work.

I believe that as long as a man wants work in this great country of ours there should be work for him, and with the wealth of this country it should be made possible.

No organization should put a limit on a man's age, when it comes to a job, such as these big factories and big business do, for there are a lot of old men working now when it comes to a pinch that couldn't get a job under ordinary conditions, and if they are good enough now, why not other times?

JAMES E. WOLFORD, P. S.

L. U. NO. 271, WICHITA, KANS.

Editor: Again this local has taken an active part in the Fifth War Loan Drive, purchasing a sizable amount of bonds. Talking about war, I am happy to report that up to this writing this local has not lost any members in this war and I hope that when it is over we can say that we never lost a man. Brother Lee Crain is back in Wichita, for how long I don't know, but I surely was glad to see him. Everyone is working here at the present, so I guess all are happy. There is no sick list at this writing. I haven't got any dope on our fishermen, Brothers Florence, Vachal, and Mitchell, but I suppose they will come in before long and tell about the one that got away. Brother Gustafson tells me that he is going to try his luck before long so I may have one to tell when he gets back. There is no local news of interest at this time. All I know is that things are going along smoothly. However I might report that labor has three men in the race for state representative, the writer being one of the three. We don't like some of the labor laws that are pushed on to us in Kansas, so if we have any luck in the general election we will try to get some of those laws wiped off the book. There is a union man for a good many officers on the ballot this year, so you can see that the unions in Kansas are sick and tired of being pushed around, and they are out to get some changes.

Well, Senator Clyde Reed came out again for senator from Kansas but I am not so worried about him going back to Washington. The people here are slowly but surely waking up, and, from the reports I get, he won't be re-elected. He is one of the many worry warts in Washington that are always raving about labor. He is one of the many that claims labor is laying down on the job, that the boys in the armed forces resent how labor

does its job.

We have several air bases around Wichita and I have talked to many of the boys from these bases, some who have seen action, and they tell me that as far as they are concerned labor has been their best friend. Does this man Reed and others know that labor has furnished the bulk of the armed forces? And do they realize that labor is losing its life blood for their sake as well as others? Do Reed and the others realize

that the union man is working long hours to produce the needs for the armed forces to save him as well as all of us? Do Reed and his labor-hating brothers realize that the union man works hard and long hours to pay the salary he receives, just for griping about unions, and then he has got nerve to come back to Kansas and ask for the support from the men and women whose unions he would break if within his power. HOW DOES REED EXPECT TO GET RE-ELECTED? Now one more time, I am asking the Brothers of the I. B. E. W. to VOTE in this election. It's up to each one to oust the union-hating rats. Save unions from these labor-hating varmints.

JOE OSBORN, P. S.

L. U. NO. 274, EAST ST, LOUIS, ILL.

Editor: Now we all have on hand a tremendous job. A job so big that it will go down in our organization as the most important since the beginning of Locals No. 309 and No. 274. This job is the merging of the members back to No. 309 as directed and approved by Locals No. 309 and No. 274 and the International Office.

Local No. 274 was a very prosperous local a steadily growing membership with new blood taking responsible places and inheriting the knowledge which was handed down to us by our Brothers who are no longer with us. No. 274 came to us as a very proud and a very wonderful local. When we organized and No. 274 was a new young local the brothers gave true allegiance to it. Her defenders and prosecuters were not known to her and so when men are not united they must fall so even if 2 plus 7 plus 4 equal 13 we were still very lucky to have you. I hope when we say partners with the linemen and other crafts that we mean just that. It isn't a routine casual contact but an intimate and personal association with a Brotherhood that knows and understands the words of a united union of Brothers. Let's stop a moment and make a self-analysis of our own selves. . the way we talk and express our views. Do we possess the right and ability to say whether a question is right or wrong? First let us stop and think, Am I using my head or mouth? Is this business at hand any concern of my particular craft or is it of my Brothers' business. The solution of this is very simple and is based on the principle of human rights and the responsibility which you and I owe one another. We must make this a success not by using political politics but by a simple educational program whereby everyone will know and understand and re spect the business of every craft. Our biggest enemy is ourselves. The man who tries to take care of another man's business cannot take care of his own and in time he will see himself a miserable fellow. A right union man as we all know is at all times very proud of his card and holds it high in esteem whether it be a card for cleaning streets or cutting the most valuable diamonds.

If we as Brothers have any sense of fair play or have any regard for what is right we will show one another that we can conduct ourselves as good union men capable of conducting ourselves as true Brothers and we will find that we will grow in strength and more power than ever before. We must still be willing as we always have been before to help to increase our knowledge and ability. Everyone must give his best and we must shoulder our responsibilities and put our shoulders to the wheel. Let's never stop this wheel again.

I feel certain that the only time that the Brothers will have a misunderstanding is when the issue is forced upon them and they are forced to defend their rights as invested in every good local by the Constitution of the I. B. E. W.

While the days and nights roll by one by one and we get nearer to our life's end we deteriorate and pass into death and all the good and bad things we do will be left behind. The bad things will fall by the roadside and soon be forgotten but the good deeds we leave behind will still do good work after the doer is dead. Your name will be forgotten and lost in time but still the fashion in which the deed was done will go on. This is your reward to know that long after you are gone some Brother will fashion his deeds after the fashion of your good deeds in life.

So this is our farewell as Local No. 274 is no more,
Farewell.

OLIVER H. BROWN, P. S.

L. U. NO. 321, LA SALLE, ILL.

Editor: This local is proud of its advancements during the past two years. Under the able direction of Business Manager Strout and President Cridge with the excellent help of the boards this local can boast of at least an 800 per cent improvement in its membership.

Local No. B-321 has two offices, one in La Salle, which serves the construction members, and the other in Seneca for the convenience of the shipyard workers. The Seneca office is the larger of the two and handles the accounts of 850 men.

The marine work in this locality is fairly good and Business Manager Strout can generally place a Brother. Do not come down though before you contact him either by wire or by mail at Box 318, Seneca, Illinois.

Floyd Hughett, our past financial secretary, is now serving our country as a Seabee. Uncle Sam's gain was our loss and we wish Floyd every success in his new venture.

We have other members in the service but it will take some time for a complete list to be compiled. It might be possible to have this information in the next issue.

R. J. MCHALE, P. S.

L. U. NO. 339, FORT WILLIAM AND PORT ARTHUR, ONT.

Editor: Some time ago one of our press secretaries made the remark in his letter to the JOURNAL that unionism in Canada is either dead or that press secretaries are too busy to report the doings of their local unions to the JOURNAL. For my part I don't think it is either, granted we are somewhat busier, nevertheless, I think laxity is the real cause, or should I say that is the only excuse I have to offer myself. I might inject that my intentions have been good, but a good intention not put into practice, is not worth the thought it involves.

Local 339 has much news that could be recorded here, but as space is limited recent news must suffice. In a brief resume may we record that in the past six months we have increased our membership from 125 to 175. We organized the Kam Power employees at Kakabeka Falls; Mahon Electric Company is practically 100 percent organized, and with the assistance of Vice President Ernie Ingles we were successful in organizing the Telephone Operators in Port Arthur into a local of their own. Agreements have been negotiated and signed, with increases in wages and better working conditions, adjustments in wages and classifications have been made, cost of living bonuses have been included in basic rates, and all in all I think the membership of Local B-339 is to be congratulated on the progress that has been accomplished in the past few months. Mind you all these things haven't come to us on a silver platter, much patience and hard work was necessary. Just as an example, one hard grind which involved the telephone employees



of Fort William was the deadlock in negotiations over the inclusion of the cost-of-living bonus into the basic rate. However, the scales tipped in our favor at the eleventh hour, with the mayor breaking a tie vote in our favor. May we tender our thanks to Vice President Ingles, International Representative Nig. Tracy and Brother Cecil Shaw of Toronto, for their kindly advice, over wire and telephone.

Election of officers was held at our last regular meeting, with the following results. For president, Brother Frank Thornes was re-elected; vice president, Brother R. J. McDevitt; recording secretary, Brother J. C. McEwen, and for financial sercretary, yours truly, F. Kelly. Interest in the election of officers was lacking, nevertheless, humbly omitting my own acclamation to office, I am sure we have a good slate of officers, and with the cooperation of the membership will go far in maintaining, and building up a good strong progressive organization.

May we say "hello" to the girls of Local B-1275 and offer our congratulations on the progressive spirit that prevails in their local since organizing. They signed a new agree-ment just recently with their employers which is a credit to them. Mrs. May Miller is the captain of the ship, and, believe me, with the help of her able crew, she can make port in any storm. Congratulations are also in order to the Telephone Operators of Local B-1178 who organized just recently in Port Arthur. I understand to date they are doing a good job. Try and remember girls that Rome was not built in a day, ups and downs, and disappointments will be yours. Nevertheless stick with the old barge, cooperate with your officers, and I'm sure with good faith and hard work success will be yours in the days to come.

I noticed in last month's Journal, Mr. Editor, that you request that financial secretaries write in the classification of each member on each official dues receipt. This, to my way of thinking, places an unnecessary task on the shoulders of the financial secretary of each local, especially so, when it has to be repeated each month. I would suggest that the classification of each member be sent in on a separate form each six or 12 months as desired. Your comment on this as a suggestion will be appreciated.

Our sympathies go out to the families of the late Brothers Watt and Shirley, who passed on to their eternal reward in the month of April.

If all's well I hope to be back next month. I found this quite an effort, that's the result



"JIFFY" SOLDER DIPPER

Swinging cup won't spill the solder. Uses minimum on each joint. Solders 50 to 75 joints with one heat.

SPECIAL TRIAL OFFER Send \$1.50 with this ad to CLYDE W. LINT

100 S. Jefferson St. CHICAGO 6 "The Original Jiffy Line" Money Back if Not Satisfactory

of getting out of practice. How about some of the rest of Canada getting down to business and let us know "what's cooking."

F. KELLY, F. S.

L. U. NO. 353, TORONTO, ONT.

Editor: The four freedoms the civilized nations are sacrificing the youth of our generation for are sometimes overlooked; the goal towards which we should all be fighting is often obscured by selfish interests, the greed of big business, the corruption in politics and the narrow viewpoint of fabor.

The recent convention in Toronto of the Canadian Manufacturers' Association adopted a resolution calling on the government to radically reduce or abolish altogether the excess profits tax and the corporation tax. This was done in a flag-draped convention hall, to the echoes of, "God Save the King-and our investments." No doubt the covering letter that accompanies this request or demand will contain the usual amount of patriotic language and the implication that to oppose this resolution will stamp one as a saboteur, a Red and a man without a country. Much more could be said about this subject but I leave it with the hope that its odor will keep our legislators away from it.

Speaking of the four freedoms and legislators, a fifth could be added, freedom from "nuisance legislation." When a country is governed by order-in-council it is very easy form boards and commissions to control the

lives and habits of the people.

Controls and rationing of people and materials are a necessary inconvenience to a country at war but, in too many cases these commissions enforce restrictions just to justify their existence, without regard to their need. One month you can't get pants with cuffs on, the next you can have a coat that drops to your ankles, the following decree decides you can't have pants at all.

If you live in Quebec you can drown your sorrows in 80 ounces of liquor a month, if you live in Ontario you can cure a toothache with

only 13 ounces.

If you own a car and take your family out for a ride to the country on a weekend you are checked up for pleasure driving. If you attend some of the 14-day-race-track meetings in Toronto and use your car every day the worst that could happen to you is you might

You can't buy a pencil with a rubber on it, yet huge stocks of old tires are left on valuable building lots so long "inflammation" sets

in.

I just received a tip that I'm wasting too much paper so I guess I'll just finish the evening out reading the political speeches in the newspaper.

Local No. 353 will carry on the next two

years with the following officers: President, W. Farquhar; vice president, P. Eversfield; treasurer, J. Dolson; recording secretary, S. Melville; financial secretary and business manager, Cecil M. Shaw; executive board: J. Nutland, C. P. Cheevers, J. Bankier and J. Hughson; examining board: P. Elsworth, J. Wiggins and E. Lumb.

J. NUTLAND, P. S.

L. U. NO. 377, LYNN, MASS.

Editor: Work in our jurisdiction is going along very well as there is always a need for our business agent to look for another man. We have no big-manned jobs now but a steady run of normal business. We have about 16 men still outside of the local on defense jobs, still chasing that "big loot." Good luck, boys, and happy tax paying.

We have just created a grand stir by creating a relief fund, by a nice fat assessment. It has its start and will prove a great thing when the inevitable lull comes, especially for those who are squawking the loudest now, who will be wanting their dues taken care of later when they have used up their

easy dough.

We notice in the June issue the sketch of International Vice President John J. Regan, given by Charles Stone, and as we are abutting his own local's jurisdiction, and know him so well, we say very well done, Mr. Stone! Brother Regan, or "Honest John" as he is known around about here, is well deserving of all the praise and commendation that anyone can give him, for he has done a fine job in carrying on where Brother Keaveney, who gave his all, left off. Incidentally, the picture of John J. was good, too, but as a little tip, if you print another one, scratch on a little more hair and he will be tickled pink.

In this benevolent mood we must thank Local No. 522 and their press secretary, George Paquin, for the lovely bouquet, but correct that ribbon next time to "little giant." We accept, boys, and wish we could do it over again this year. Good luck, Joe, and the best

for little Joe.

DON PENDLETON, P. S.

L. U. NO. 409, WINNIPEG, MAN.

Editor: That long awaited "D-Day" has arrived, and with it Dieppe has been avenged, for with the combined allied forces the Hun is getting a pasting, and despite his counter-attacks our losses are comparatively light, and we are pouring more and more men and supplies on the beaches of Normandy.

Rommel has promised us that a big sur-

prise awaits us when we get beyond the protective curtain of our naval guns, but we are ready for anything he can think up; ready on all fronts, yes, ready on the battlefront and ready on the home front right here in Canada and the United States, ready with the goods to feed, clothe and equip our men over there.

Loyalty and sacrifice of the worker at home and sound employer-employee relationship

have brought this about.

True there have been differences of opinion relating to wages, working conditions, etc., at times when cost of living would soar or hours be increased or due to some other factor, but never during this crisis-a time when everyone's nerves are strained to the utmost, when we are physically exerting ourselves to the limit by longer hours, which have begun to show their effect especially on men past middle age-has the worker under the I. B. E. W. banner had to resort to strikes as a means of ironing out his problems, but by peaceful negotiations. Here is a strong argument in favor of unionism if ever there was one.

How else could adjustments to grievances be made, at an abnormal time like the one we are passing through, except by membership in a trade union? And in the case of Electrical Workers, in the L. B. E. W.

It is virtually impossible to name an operation in the manufacturing field that may be performed large or small that electricity does not enter into in some way or another.

Our armed services depend on its intricacies to an ever increasing amount, and when we turn once again to peaceful pursuits-and devices now used in connection with destruction and new devices now perhaps only in the blue-print stage are used for man's benefitit behooves the Brotherhood to keep pace with the new devices, for a gigantic task of reconstruction lies ahead.

In perusing the pages of the June JOURNAL, I note that several locals have done just that started an educational program for their members. This is a step in the right direction, to get acquainted with new ideas now, and not wait till the blockbusters have ceased to fall.

R. J. GANT. P. S.

L. U. NO. 429, NASHVILLE, TENN.

Editor: We make our bow with this issue of the JOURNAL as your newly-appointed press secretary, pinch hitting for Brother Paul Pyle who more recently wears the uniform of the United States Navy. We are all proud of Brother Pyle and wish for him Godspeed and a safe return.

A number of our members in the service have returned to visit the office while on furloughs. We are always glad to see these boys and know they will do honor to both their country and the International Brotherhood of Electrical Workers. Good luck, Brothers in

service; you are doing a swell job. Brothers William Fulcher, Robert Dillingham and Clarence Davis have left to join the Navy; Mack Dorris and William McGhee to the Army. Fine boys and excellent mechanics. Hurry back, all you good Brothers, but do the job well while you are over there. We are

back of you 100 per cent.

A number of the Brothers who have been away on out-of-town jobs have returned to help out on the man-power shortage. Welcome back, boys; we were very glad to see some new faces at last meeting.

We are glad to report all members are working, a large majority being on the big project at Knoxville, Rather lonesome around the hall these days but we are glad everyone has a job. The boys over on the shipyard job report some hot weather but say they will make it hotter for the Jerries and Japs when these ships put out to sea duty. Good work, fellows, and just keep that big Navy "E" flag flying.

Business Manager Loftis reports a fine meeting of the Tennessee State Electrical Association held at Jackson, Tennessee, and a goodly attendance. Local No. 585, I. B. W., entertained the delegates royally and those in attendance said they had a fine time along with the food and refreshments.

We miss Brother Curley McMillian around the hall of late. His many duties and a big job at Kingston keep him occupied most of time. Drop in some time, Brother McMillian, and let's hear of the good work you are

doing over in Knoxville.

Again we are asked, "What has happened to Brother Frank McCabe?" Any Brothers who run onto him tell him to drop a line to us, or better still, honor us with a visit some Wednesday night.

In reading Brother Schmitt's letter, from Local No. 212, Cincinnati, Ohio, we were very much pleased to learn Brothers Bill Mittendorf, Al Kramer and Guy Kinney were on the Knoxville job along with our members and that they appreciate the good treatment and conditions afforded them by our southern locals. Thank you, boys, we are glad to have worked with you. Yours truly has known you for over 20 years to be good union men and fine gentlemen. Come down again to see us and drop in on No. 429 at Nashville.

Brothers, remember our men in the service and don't forget to write them good newsy letters. They all get homesick for news from home and they will appreciate a line from you. Let them know the I.B.E.W. is backing them up over here on the home front.

B. K. WILLIAMSON, P. S.

L. U. NO. 434, DOUGLAS, ARIZ.

Editor: Local Union No. 434 has finally taken apprenticeship seriously. For over two years the committee on apprenticeship tried to get an agreement signed with the Phelps Dodge Corporation at the Douglas Smelter without success, and now, in order to give our apprentices the advantages of classroom work in related studies, we are asking for State assistance to the institute classes in this work. At the present time we need only three more apprentices to sign agreements to meet the requirements of the State and Federal laws to get this assistance.

We hope that all of our members are realizing the necessity of keeping pace with the new developments in the industry and this thought should remind you that we are pushing the adoption by the International Office of the education of our members through the medium of moving pictures with sound. A library of films, consisting of complete courses in the several branches of our trade, supplemented by a monthly film of current construction news and messages of importance from our International Office, should certainly do wonders to our meeting attendance.

Since we have had our mimeograph to help us in distributing our thought on this educational feature, we have had assurances of support from quite a number of the leading locals in the States, including Local 397 of Balboa, in the Canal Zone. Those of you who follow the "Correspondence" in our JOURNAL, undoubtedly read the monthly letter by M. A. "Morry" Newman, the lover of "light" work. His letter in the May issue indicates that we can count on the support of Local 1, St. Louis. The lover of "light" work is another pioneer in furthering member education, and one who has worked consistently to this end, and to have his indorsement will carry a lot of weight in our international convention. So let us keep on plugging and convince our members at large that we need this feature and to vote for it . . . IF and WHEN we can get this before the convention. The "Duct" job at the Douglas Airbase,

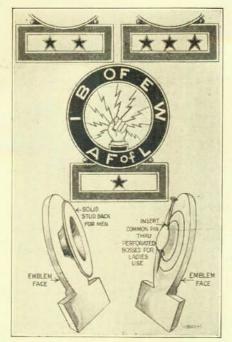
The "Duct" job at the Douglas Airbase, which is being done by "Drury Electric Company," is progressing satisfactorily and H. Kritsch, L. U. 428, the superintendent, reports that the first part of June should wind this job up. Brother Clarence Nichols came back from Lake Charles and Houston May 3 and joined this job and since May 14, J. E. Faulkner, formerly of B-434 but now with 640, Abe Araiza, 640, E. D. Lotspeich, L. U. 535, Jackson T. Moore, B-518, and D. M. Walkington, L. U. 111, are also working.

Another small job, that of enlarging a hanger, came up recently and was taken by Newberry Electric Corporation and Brother Bob Browder, our steward for the Bisbee and Fort Huachuca end of our jurisdiction, is supervising this job for Newberry.

On May 24, we received a wire from Brother V. H. Nichols saying that he is in the Army now and located in Fort Sam Houston, Texas. Brother James W. Robertson gave us a ring from El Paso on May 22, and told us that he will be inducted into the Navy on June 2. In another 30 days, one quarter of our total membership will be in the armed service.

International Representative Alfred Shackleford has at last taken time off to get repairs made on the kneecap of his right leg. For months it has been difficult and painful for him to get around. While I was in Phoenix, May 12, Brother "Shack" told me that he would enter the hospital on the following morning to get ready for the operation. Though we have not heard from him, we hope that he came through all right.

Brother S. W. Thom, I. O., left Douglas



WEAR YOUR SERVICE STAR

The above emblems, designed for I. B. E. W. members having members of their family in the service, are made in plastic, with celluloid lapel button, and for our women members there is an ordinary pin attached, for fastening to the garment. The scarcity of metals for war uses has made it necessary to manufacture the emblems of the above materials. We can furnish them with one, two or three stars, and the price of the emblem is 25 cents.

last Thursday for his camp on Cave Creek in the Chiricahua Mountains for the summer. He left a little earlier this year so as not to miss out on the trout fishing like he did last year. Brother Thom's health was poorly throughout the winter and he expects to build his health by living outdoors for the summer.

Brother Frank Reinartz has taken a lease on the General Petroleum's Service Station on the corner of Railroad Avenue and Sixteenth Street in Douglas, and seems to be plenty busy. He wants to sell his ranch now, as he can't keep up with all the extra work that he has taken on lately. Brother F. S. Pack, after working in Yuma, Arizona, all winter, has been visiting with Frank the last three weeks. In stopping by the service station the other day, I saw both of them busily engaged in "examining and sampling some lead-silver ore, and on questioning, they told me that they were opening a promising vein of this stuff in the Huachuca Mountains.

Brother Paul McLendon announced last week that the Post Engineers advanced the rate of his maintenance electricians to \$1.25 an hour. He hopes that this will attract some good electricians to replace the Brothers who have entered the armed service lately.

The Metal Trades Councils of the State, representing the miners and smeltermen of the Phelps Dodge Corporation, are petitioning the N. L. R. B. for a strike vote. Though this action followed the issuing of a directive order by the Nonferrous Metals Commission on April 19, it is really the culmination of grievances at the hands of the Federal Agencies over the past three-year period. The representatives of the councils have been unable to resolve this difficulty over the past three weeks, and as time passes, the dissatisfaction and unrest among the workers are increasing.

The Metal Trades Councils have sent a statement of issues to over 200 unions in the metal mining industry of the West, asking for their support in the fight for redress, saying in part: "We have learned from past experience that appeal to the parent board of any agency is useless, since the decisions of the regional boards are always upheld, however ill-founded they are. We are not desirous of interrupting the production of copper, but the coercion of workers by discriminatory decisions is undemocratic and un-American. If we do not make this protest, we will have failed to support the very boys for whom we are mining copper. We are anxious that our case be properly presented to the membership of the American Federation of Labor and the public. We believe that they are entitled to know the truth of the issue. We are asking you to help us in doing this and to write in our behalf to the officership of the American Federation of Labor and to your Senators and Congressmen requesting that this matter be investigated."

To our members in the Douglas area: Make it a point to attend the meetings.

J. T. WEIR, P. S.

L. U. NO. 449, POCATELLO, IDAHO

Editor: Now is the time for all good unionists to come to the aid of their respective organizations and help combat our enemies that are every day and in every way poisoning the minds of our fighting men overseas against us. They are putting out the cruel falsehood that the American workers are letting them down, and there is some doubt among the men in uniform especially overseas. There is widespread misconception about the way union labor has met its wartime responsibilities. We know we have met our responsibilities here at home, the miracle of American war production proves it.

Our boys (my boy and yours) are being killed and wounded in battle, also industrial workers are being crippled and killed in their work. We are told that there are more industrial casualties than there are in the armed

There have been occasional work stoppages. The controlled press and radio place blame upon organized labor. But the thinking person knows full well that we are not going to interfere with war production. Impartial investigation will show the fault lies in many cases with the employer who is antagonistic toward organized labor and takes the arbitrary attitude of not meeting with his employees in an attempt to settle the difference of opinion. In many cases the employer is making large profits on his war contracts and is endeavoring to pay sub-standard wages. No group of union workers is going to create a work stoppage except as a last resort when their economic stability is threatened by the arbitrary attitude of the employer and the slow operation of various government agencies handling labor problemsthen only in accordance with the Smith-Connally Bill which was forced upon organized labor by the representatives of industry legalizing the right to strike. This bill was never necessary as labor has kept its no-strike pledge almost 100 percent perfect.

At some future date, not too far distant, we hope our boys and girls will be returning home expecting employment under livable conditions and wages that will furnish a respectable and decent standard of living; and I am sure they would criticize us if, while they are winning the victory on the battle front we let their prospects for future security be taken away from them in their absence.

It appears imperative that we, as members of organized labor and labor organizations, must present the facts to the public and the armed forces, that we have assumed our responsibility in the war effort. This could best be accomplished through the efforts of public relations men and committees. The A. F. of L. has a public relations representative, Mr. Philip Pearl, who is doing a good job, but in my opinion he needs help.

The International Office of each craft should create a public relations office. Each central body should select a public relations committee and all work in cooperation with disseminating favorable information through various means.

A. ROY FLAGLER, P. S.

L. U. NO. 611, ALBUQUERQUE, N. M.

Editor: We would like to repeat some things that have been said before about labor voting, and voting intelligently. If Pegler and Hitler can make people believe untruths by saying the same things over, day after day, union men should believe the truth by reading it over just occasionally.

There is nothing more important in our lives than getting people into office who will consider our welfare and then letting them know what we want.

Politicians are fairly responsive to the will of their constituents and since labor is in the majority it would be considered much more than it is if it would only make its presence known.

Before the primary elections recently held in New Mexico the Albuquerque Central Labor Union prepared questionnaires for the candidates to answer which would give the voters an idea as to how they stood on issues vital to labor. The questionnaires were similar to those used by other unions over the country and to those reported in the correspondence from Local 611 in the May issue of the JOURNAL.

The C. L. U. had a very satisfactory response from the candidates and the questionnaires will be kept on file and used in the general elections next November.

To the many members of Local 61 who are working out of town and could not attend the election held June 14, we submit the following list of newly elected officers:

J. Wilbur Jones, state representative of the Electrical Administrative Board, was elected president.

Ray Brown, vice president.

Woodrow Clevenger, recording secretary. Shelby Hendrix, treasurer.

Elmer Jemke, business representative and financial secretary.

Hendrix and Jemke were re-elected by acclamation and with enthusiasm. This election gives Hendrix his tenth consecutive year as treasurer.

Elected on the executive committee were Harl Thompson, W. D. Mudd, Jack West, Lester Hood, Jim Merrifield, Alfred Lewis and Roy Brown.

JAMES MERRIFIELD, P. S.

L. U. NO. 697, GARY-HAMMOND, IND. (Continued from July)

Editor: Shakespeare: "—and now is the winter of our discontent," that great American institution, the three-ring political circus, that plays the circuit every two and four

years is here again.

The voice of the candidate and the political soothsayer, like the "braying of Balaam's ass," is heard throughout the land, the voting public is all stirred up, "—and the people imagine a vain thing."

Every candidate, good or bad, has a panacea for the redemption of his district which in most cases has been "ruined" by the party in power, or the candidate's predecessor member of that party.

Each candidate has a new set of plans he promises to lay before the, shall I say, intelligent voter. He never forgets the farmer or the poor workingman, that is not until after the elections. Those two down-trodden guys are the politician's favorite dish.

Years ago it was "the full dinner pail" that was the vote getter, those were the days when the poor unorganized workingman was satisfied with a full belly and an empty head!

In recent years, however, unionization, education on economical matters and hard knocks, have taught the American worker how to get more out of life than a "full dinner pail," and the politician does not have as easy pickings as he once had.

One of our national elections is indeed something to behold!

When we see the incompetence and dishonesty of some public officials we wonder what is wrong with the gullible sap voters who do not appreciate their right of franchise enough to study the past records of these officials before putting them into office.

It is a stench in the public nostrils.

Too many office holders are chosen from the ranks of shyster lawyers, rather than from experienced business leaders or union leaders.

Many businessmen refuse a nomination on account of the reason that they will have to associate with a lot of political crooks and they value their reputations too highly to take the risk.

Organized labor has many leaders of proved ability and honesty, who would, if available, make excellent public officials. They would not betray the nation's interests. Our elections are a source of wonder to other nations who do not have our electoral system. In the past when some of our southern "republics" wanted a change in government a few bullets did the job cheaply and quickly. Nonetheless astounding to the other nations is the way that, after all of the name-calling and mud-slinging is over, our voters return to their normal pursuits, and the country has been saved for another four years.

A nation that can carry on a major war and presidential election campaign at the same time, and still go on as usual, must be made of stern stuff.

Let us as Americans always be proud of this fact and defend with our lives and all that we possess, our blood-bought right of choosing our rulers.

We do have, in spite of our growing pains and mistakes, the greatest nation on earth! How about the soldier vote? If he is good enough to die for us, is he not good enough to vote? Why should this question be made into a political football?

H. B. FELTWELL, P. S.

L. U. NO. 702, WEST FRANKFORT, ILL. Champaign Branch

Editor: Having been duly elected by the voice of the president and the unanimous hands of the Brothers at the above location, I now find myself obligated to do that which no other one seemed willing to do except your humble servant, who fell—the victom of flattery.

I suppose in company with all of you branch locals, each meeting night finds a larger and ever-growing larger percentage of bald heads and cripples present as Uncle Sam calls more and more of our Brothers to service. I'll bet they're all good scrappers.

Nothing much, new or exciting, happens around here to scribble about. We do the routine things and get them done and when a storm strikes we patch up and keep on going. That's our job and that's the I. B. E. W. way—do it and don't shout about it!

I'm sitting here with a quotation in front of me from the Big Boss of these United

States which inspires me to verse, entitled "We Will, Too."

We can, we will, we must! Says Franklin D. And it's worth noting that He said "We," not me.

Me can, me will, me must—
Me hope, but cannot do,
'Cause me alone ain't half as much
As me and one, who's two.

But just because me ain't so much It's well not to forget— When all the mees make one big WE Then WE is tough, you bet.

And so WE will do the big job, too, just like we've done all the ones before, because we do business that way. Well, I hope to report again some day, but isn't this a helluva job to wish ona guy who is a meter foreman and never was a secretary of nothin' ever?

H. E. WINNEMORE, P. S.

L. U. No. 835, JACKSON, TENN.

Editor: Greetings!

Local Union B-835 feels honored to have had the Tennessee State Electrical Workers Associational meeting in its new home, June 4, 1944.

We were glad to have had present with us men such as:

President of the association, Brother W. B. Doss

Vice president, Brother Gordon Freeman Commissioner of labor, Brother Bryant Secretary of Tennessee Federation of

Labor, Brother F. L. Medlin International representative, Brother Grooner

International vice president, Brother C. McMillian

Ex-international representative, Brother Ted Wayne, who is now general steward of the Clinton Engineering Works, out from Knoxville, Tennessee, and visitors from local unions of all parts of the State of Tennessee. We were also pleased with all the nice remarks bestowed upon our new home by these folks.

We were happy to have had the Tennessee State Federation of Labor meeting in our city, June 5, 6, and 7, 1944, and to have had the opportunity of playing our part in making it a success, which we feel is true.

Another highlight of Local B-835 was the election of officers for the coming two years. To those who are going out of office, we wish to say that we are grateful for your faithfulness and loyalty in the past two years. We hope that you will remain true local members, backing the new officers in their efforts for the betterment of Local Union B-835, and in the hastening of victory for which we all are longing.

To those going into office: President, C. F. Boone; vice president, Robert Dismuke; recording secretary, Leon McMillian; financial secretary and business manager, Joe Barham; treasurer, W. O. Smith; fifth member of executive board, T. A. Fesmire, we wish to say we are proud to have you as our leaders. We are behind you, and are looking forward to accomplishments greater than ever before. We trust and feel that you, as new leaders, will be faithful and loyal to the great tasks before you, and that whatever may come, Local Union B-835 will come out on top, and so will the betterment of the laboring man and woman.

As never before, all labor throughout the world must be united to fight the dangers that are still ahead. We must furnish a great army of men to handle the lathes and presses, to drive the rivets and construct machine

tools, to furnish electrical equipment and outfit the factories. Without this loyal army, the army of men who are shouldering the rifles, piloting the planes and driving the tanks would be helpless. Those fighting the total slavery of the Nazis need aid, and they must get it through the efforts of labor.

The character of America is something of which we are proud, and we have our part to play in gratitude for benefits received. We, as laboring men and women, must remember that if the privileges we enjoy are worth living for, they are worth dying for. Those privileges which are truly American—a love of freedom, self-reliance, a love of truth, justice, ideal of charity, and a feeling for the equality of opportunity.

All this sounds well enough, but to back it up, everyone must contribute blood, sweat, and tears. The day has come for sacrifice. Perhaps this is a new word to some who regard work as a burden to be carried by others. Long ago Carlyle said, "Blessed is the man who has found his work, for him there can be no other blessedness." Now, blessed is the American who sees his responsibility and gladly goes forth to meet it.

We, as members of Local B-835, will strive to find our place and do all within our power to protect those things which are so near and dear to the heart of every American.

We challenge you, our union Brothers and friends, to join with us in a greater effort to preserve those principles for which our fore-fathers fought, bled, and died—for which "OUR BOYS" are so bravely doing, today.

May we, as laboring Brothers and Sisters, never give up!

C. F. BOONE, P. S.

L. U. NO. 842, UTICA, N. Y.

Editor: As a newcomer to the correspondence pages, I would like to take this opportunity through the monthly magazine to express to all the members of the various local unions of System Council No. 7 the grateful appreciation and thanks from the members of Local No. 842, Utica, N. Y., for the excellent cooperation shown our Brother, E. J. LeClair, during our recent convention held at Buffalo, N. Y.

Brother LeClair was reelected general chairman, and the spirit of all the delegates showed that his honest endeavor for the good and welfare of the council was greatly appreciated in his short term of office. Of course we at the Utica local are mighty proud of the results he has shown.

Appreciation also to Brother McKenzie of Buffalo local for his efforts in arranging a good time for us all.

Everyone agreed that it was the best convention yet attended and the spirit of the work of the Brotherhood was at heart every minute of the time.

So I will say again to all of you Brothers from all at Utica, N. Y. "Thanks a million."

ARTHUR MACGREGOR, R. S.

L. U. NO. 952, VENTURA, CALIF.

Editor: The presidency and two other offices were decided by the narrow margin of one vote each in a spirited election of Local B-952, Electrical Workers, officials June 16, at the Ventura Labor Temple.

Members filled the hall to capacity in a record-breaking turnout for the election which was also featured by a write-in victory for L. L. Dunton, business manager. E. L. Bauerlein lost by only one vote but won a seat on the executive board. Dunton, incumbent, had declined the nomination at the previous meeting but was drafted by the write-in.

J. W. Hicks was returned to the presidency in another close race, gaining one more vote than Howard Hope, formerly vice president.

F. R. England, long-time member of the

local union, defeated veteran member C. D. Munger, Sr., by only one vote for the vice presidency. Both men have been active in union circles for many years.

Joe Eastwood was elected financial secretary over John Dariville. Eastwood is a past financial secretary. Harold R. Matthews and C. D. Munger, Sr., were returned unopposed to their respective offices of recording secretary and treasurer. In addition to Bauerlein, C. D. Munger, Jr., and John Beck were voted members of the executive board.

H. R. MATHEWS, P. S.

L. U. NO. 980, NORFOLK, VA.

Editor: At our election of officers on June 22, I was succeeded to the office of recording secretary by Brother Paul E. Harris, a most capable man. Since the duties of press secretary have been assumed by the recording secretary in the past I suppose Brother Harris will take over that job unless the president appoints a much-needed press secretary.

At this election our president, M. J. Norman; vice president, W. M. Culpepper; financial secretary, R. W. Faison, and treasurer, W. O. Morris, were re-elected to office. These officers have served the organization most capably and faithfully and we are indeed fortunate to secure their services for another term.

At this writing that ugly demon, the state sales tax, has again reared its horrible head. This issue was raised at the last state legislature and was beaten down, largely through the cooperative efforts of labor. Now a commission has been appointed to study this matter and to propose its introduction into law. A public hearing was held in Richmond, Virginia, on June 26, at which about 20 delegates spoke against the enactment of a state sales tax and none spoke in favor of it. It appears that this tax is about to be forced down our throats whether we want it or not but I assure you that labor in Virginia will fight it to the last ditch.

As reported before, the War Labor Board's directive ordering a reduction in the previously established maximum wages on some of the classifications of the Virginia Electric and Power Company, has been protested. We have requested the assistance of the War Production Board and the War Manpower Commission in an effort to secure an early review of the case. As yet we have heard nothing. I suppose we will negotiate a new contract before we ever get the present one working completely.

Guess I have consumed enough of your valuable space for this time so I will close wishing for the continued success of our good Brothers everywhere.

H. C. COPELAND, R. S.

L. U. NO. 1249, SYRACUSE, N. Y.

Editor: A number of the members of Local 1249 have been called to serve in the various branches of the service, approximately 250. I know most of these men and have missed them at work and meetings and at the various and popular meeting places. Of all the Brothers who have joined the armed forces, there is one in particular whose departure has been very noticeable. I refer to Edward Peck, Jr., former press secretary. Ed., Jr., is the son of the business manager of Local 1249. Someone had to take his place and I was elected to pinchhit for him until he could again resume his splendid work. I might add that Mr. Peck, business manager of Local 1249, has three sons serving in the Army, Coast Guard and Marines.

We have received letters from a number of the boys. Bud Little is located in the South Pacific Islands; Brother Grimshaw is at Sampson Naval Base, Sampson, New York; Brother Sloat is located in Long Island; Brother L. Kuykendall is located at Camp Crowder, Missouri; Brother Healey is now at Parris Island, South Carolina; Brother Ferguson is also located at Camp Crowder, Missouri, along with Brother Charles Delorme. Brother Kit Hill is at Kessler Field, Mississippi; Brother R. Hardy is in Oklahoma; Brother Beryl Moran is at Camp Croft, South Carolina; Brother E. E. Crawford is in Fort Bragg, North Carolina. We heard recently from our Brother Elmer Comiskey who at present is in Augusta, Georgia. Brother G. W. Dixon is at Camp Parker, California. Brother Wellington Hamilton is in the Navy and stationed in Florida.

We wish them all the best of luck and a speedy return home.

Local 1249 celebrated its third anniversary with a dinner dance at the Onondaga Hotel, Saturday evening, May 6. It was well attended by its members, their wives, sweethearts and guests.

The first speaker of the evening was our president, William R. Gilbert, who greeted all the guests and members and hoped they would all enjoy themselves.

He then introduced our old friend, Louis Marciante, president of the New Jersey State Federation of Labor, who was our toastmaster for the evening. Brother Marciante carried on from there.

Lou did not need much of an introduction as he has been with us before and is always welcome here. He did a very fine job as toastmaster and the officers and members of Local 1249 wish to extend their appreciation for the good job he did.

Letters were received from President Ed Brown and Secretary G. M. Bugniazet, extending their best wishes, but due to previous important engagements, they were unable to be present.

Among the honored guests was our International Vice President William D. Walker, of the third district, who gave an interesting talk and complimented Local 1249 on its progress in the past three years.

Arthur Bennett, international vice president of the fourth district, who has spent many years on the road for the Brotherhood, gave a good talk on postwar conditions and received a good hand.

Harry Broach, international representative, who was our guest speaker, gave a splendid talk on organization and its merits. He also gave a talk on various subjects with regard to present conditions and what to expect in the postwar period regarding working conditions. His time was cut short due to dinner getting started late. We only wish he had had more time to talk as everyone enjoyed it and he was given a big hand when he finished.

(Continued in September)

W. J. Walsh, P. S.

WORK CONDITIONS

(Continued from page 295)

not before! Get that?" The devotees of the goddess evidently did, for outside of a muttered "anyone can be slow," there was no talking back.

Jules strolled over to the boss's tent, and said. "Tan, me an' Terry is goin' to tak' walk to w'ere dose pole, she is side track, how far is it?"

"About three miles ahead. Just follow the road and it will take you right to it."

"All right Tan. I is size up de yard for de unloadin' an' mebbe we is breeng back two, t'ree pole wit' us to geev de raisin' gang a start, huh?"

"Bring back all you can Jules. That partner of yours looks as if he could carry one anyway."



To Joseph S. McDonagh, by L. U. No. 3

Initiated May 10, 1910, in L. U. No. 664

Whereas one of the outstanding personages in the progress of our electrical trade unionism, Brother Joseph S. McDonagh, departed this life on May 5, 1944; and

Whereas Brother Joseph S. McDonagh toiled continuously for the improvement of working conditions in the electrical industry and for workmen in general, through his affiliations with organized labor as president of Local Union No. 664, International Brotherhood of Electrical Workers; as legislative representative of the International Brotherhood of Electrical Workers, Washington, D. C.; as trustee for the Electrical Workers Benefit Association, Washington, D. C.; as secretary-treasurer of the A. F. of L. Metal Trades Department; and in numerous other responsible posts and positions, all these relationships of trust that were heaped upon him being a demonstration of the high esteem in which he was held by his Brother members; and

Whereas in recognition of our long association with Brother Joseph S. McDonagh as an official of the International Brotherhood of Electrical Workers, and of his constructive work on behalf of organized labor, the officers of the International Brotherhood of Electrical Workers, and of his constructive work on behalf of organized labor, the officers of the International Brotherhood of Electrical Workers, Local Union No. 3, New York, N. Y. on behalf of its members, gratefully records its appreciation of him by adopting the following; therefore be it

Resolved, That we, on behalf of the members of the International Brotherhood of Electrical Workers, Local No. 3, attest to the inspiration and support which Brother Joseph S. McDonagh brought to organized labor which he so faithfully served; and be it further

Resolved, That on yielding from the active roll of organized labor whe name of Brother Joseph S. McDonagh, we put on our perma-

which he so faithfully served; and be it further
Resolved, That on yielding from the active roll of organized labor the name of Brother Joseph S. McDonagh, we put on our permanent records the expression of our deepest regard, esteem, and appreciation of his character and ability, and our grateful sense of the honor and satisfaction we have shared in his companionship; and be it further
Resolved, That a copy of these resolutions be sent to the International Brotherhood of Electrical Workers Journal for publication, to Local Union No. 664, New York, N. Y., and a copy sent to the family of Brother J. S. McDonagh as a testimonial of our sincere appreciation of his usefulness, not only as an official of the International Brotherhood of Electrical Workers, but also as a pioneer in the trade labor movement, and a citizen of the United States. United States.

JEREMIAH P. SULLIVAN,

President

JOHN J. KAPP, New York, N. Y. Recording Secretary

To Joseph S. McDonagh, by L. U. No. 134
Initiated May 10, 1910, in L. U. No. 664
Whereas the sudden and untimely passing of Brother Joseph S. McDonagh, on May 5, 1944, brings to a close the life of one of the ablest leaders in the growth and development of our electrical trade unionism; and
Whereas in the death of Brother Joseph S. McDonagh we have lost a forceful leader, a wise counselor, a kindly man and a dear friend; one who never failed to have foremost in his mind the wages and working conditions of his Brother members in his affiliations with organized labor and as president of Local Union No. 664, International Brotherhood of Electrical Workers; as legislative representative of the International Brotherhood of Electrical Workers, Washington, D. C.; as trustee for the Electrical Workers Benefit Association, Washington, D. C.; as secretary-treasurer of the A. F. of L. Metal Trades Department; and
Whereas in appreciation of the service which Brother Joseph S. McDonagh rendered to organized labor and in recognition of our long association with him as an official of the International Brotherhood of Electrical Workers when the International Brotherhood of Electrical Workers do International Brotherhood of Electrical Workers when the International Brotherhood of Electrical Workers when the International Brotherhood of Electrical Workers when the International Brotherhood of Electrical Workers, we attest to the inspiration and support which Brother Joseph S. McDonagh be put on our permanent records as an expression of our deepest regard and esteem for him, and in appreciation of his

character and ability, also the honor and satisfaction we have shared in his fellowship; and be it further

Resolved, That a copy of these resolutions be transmitted to the International Brotherhood of Electrical Workers Journal for publication and to Local Union No. 664, of New York, N. Y., and a copy sent to the family as an expression of our deepest regard for his achievements as an official of the International Brotherhood of Electrical Workers.

CHARLES M. PAULSEN,

President
JOSEPH D. KEENAN.

Chicago, Ill.

Recording Secretary

Jacob H. Johnson, L. U. No. B-28

Reinitiated September 9, 1902 in L. U. No. 307

Reinitiated September 9, 1902 in L. U. No. 307

Whereas it is with deepest sorrow that we, the members of Local Union No. B-28, I.B.E.W., pay our last tribute of respect to the memory of our late Brother, Jacob H. Johnson, whom God, in His infinite wisdom, saw fit to remove from our midst; and Whereas we wish to extend to his family and relatives our deep and heartfelt sympathy; therefore be it

Resolved, That we, in meeting assembled, stand in silence for one minute as a tribute to his memory; and be it further

Resolved, That a copy of these resolutions be sent to his bereaved family, a copy spread upon the minutes of this meeting, a copy be sent to our official Journal for publication, and that our charter be draped for a period of 30 days.

CAMPBELL CARTER, CHARLES F. HEFNER, Baltimore, Md.

William J. McCarty, L. U. No. 108

William J. McCarty, L. U. No. 108

Initiated January 7, 1943

It is with deep sorrow and regret that we, the members of L. U. B-108, record the passing of our Brother, William J. McCarty; therefore be it

Resolved, That we pay tribute to his memory by expressing to his family our sincere sympathy; and be it further

Resolved, That we drape our charter for a period of 30 days, and a copy of these resolutions be spread on the minutes of our meeting; that a copy be sent to the official Journal of the Brotherhood for publication and that a copy be sent to his bereaved family.

G. R. HOOPER SAM HUNTLEY SAM WATKINS Committee

Joseph Hillery Hinsdale, L. U. No. 1229 Initiated February 8, 1944

Tampa, Fla.

Initiated February 8, 1944

It is with deep sorrow and regret that we, the members of L. U. No. 1229, I.B.E.W., record the passing of Brother Joseph Hillery Hinsdale on April 25, 1944; therefore be it Resolved, That we pay tribute to his memory by expressing to his wife and family our most sincere sympathy in their hour of sorrow; and be it further

Resolved, That a copy of these resolutions be sent to his family, a copy be entered into the minutes of the local union and a copy be sent to the Electrical Workers' Journal for publication; and be it further

Resolved, That our charter be draped for 30 days in his memory.

We indeed mourn the passing of Brother Joseph Hillery Hinsdale, Card No. 796935.

Charlotte, N. C. For the Committee

Chester S. Black, L. U. No. 11 Initiated November 12, 1943

Initiated November 12, 1943

It is with deep regret and sorrow that we, the members of L. U. No. B-11, District No. 4, record the passing of our Brother, Chester S. Black; therefore be it
Resolved, That we drape the charter for 30 days in tribute to his memory; that a copy of this resolution be sent to the wife of the deceased, a copy be spread on the minutes of the meeting, and a copy be sent to the official Journal for publication.

JOHN E. PROEBSTEL, JOHN D. GARDNER, W. F. LUCHT, CLIFF SUMMERS,
Burbank, Calif.

Committee

Harry Kissane, L. U. No. 411 Reinitiated August 24, 1938

Reinitiated August 24, 1938

Whereas Almighty God, in His wisdom, has seen fit to call from our midst our esteemed and worthy Brother, Harry Kissane, who has been a true and loyal Brother of Local Union No. 411, of the I. B. E. W.; therefore be it Resolved, That we in meeting assembled stand in silence for a period of one minute in tribute to his memory; and be it further Resolved, That we pay tribute to his family by expressing our most sincere sympathy; and be it further Resolved, That a copy of these resolutions be sent to the family of our departed Brother, a copy be sent to the International Office for publication in the Journal; and be it further Resolved, That our charter be draped for a period of 30 days in memory of his passing.

EDWARD L. RESE, Warren, Ohio

James I. Brewer, L. U. No. 816 Initiated June 11, 1942

Ed M. Harris, L. U. No. 816

Initiated December 13, 1942

It is with profound sorrow that Local Union No. B-136, I. B. E. W., records the death of two of our members, whose names are mentioned above, who have been true and loyal members and are known by the membership of Local Union No. B-816 for their fine attachment to unionism and as members of our Brotherhood, for a good example in pursuing these aims.

We extend to their loved ones our fraternal impathy for we share the loss of our friends

We extend to their loved ones our fraternal sympathy for we share the loss of our friends and Brothers.

Whereas it being fitting and proper that members of Local Union No. B-816 offer their tribute to the memory of our departed Brothers for their loyalty to our Brotherhood and our country; therefore be it

Resolved, That a copy of this resolution be incorporated in the minutes of this local union and a copy be sent to the families of our late Brothers, and a copy sent to the International Office for publication in the Electrical Workers' Journal,

M. F. WARMATH,

M. F. WARMATH, H. J. BECKMAN, GEORGE H. ASTON, Committee

Paducah, Ky.

Earl W. Cartmell, L. U. No. 124

Initiated November 3, 1943

It is with deepest sorrow and regret that we, the members of Local Union No. 124, record the death of Brother Earl W. Cartmell; therefore be it

Besolved That

the death of Brother Earl W. Cartmell; therefore be it
Resolved, That we tender our sincere sympathy to the family of our Brother in this time of their great sorrow; and be it further
Resolved, That a copy of these resolutions be spread upon the minutes of our meeting, a copy be sent to our official Journal for publication and that our charter be draped for 30 days

BUFORD MABRY, ERNEST L. NOEL, RICHARD L. HOLMES, Kansas City, Mo. Committee

Henry O'Neill, L. U. No. 41

Initiated May 22, 1923

Another member, Henry O'Neill, has passed onward, and sorrowfully Local Union No. B-41 closed the files of his membership record. A true friend and valued member of his union, his absence will be keenly felt.

Our fraternal sympathy is extended to his loved ones and we grieve with them as we share their loss.

Resolved, That a copy of this tribute be spread upon the minutes of this meeting and a copy sent to the official Journal for publication and a copy sent to his bereaved family.

JOHN J. CALLAHAN,

WILLIAM FISHER.

GEORGE C. ADRIAN,

Buffalo, N. Y.

Committee

Buffalo, N. Y.

P. A. Forhan, L. U. No. 100

Initiated June 2, 1937

It is with deepest sorrow and regret that we, the members of Local Union No. 100, record the death in active service of our friend and Brother, 2nd Lieut. Philip A. Forhan, who made the supreme sacrifice on November 27, 1943, by giving his life for his country.

We extend to his loved ones our heartfelt sympathy and share with them their grief; therefore be it

Resolved, That our charter be draped for a period of 30 days and that we stand in silent meditation for one minute as a tribute to his memory; and be it further

Resolved, That a copy of these resolutions be sent to his sorrowing family and a copy be spread upon the minutes of Local Union No. 100, and a copy be sent to our official Journal for publication.

nal for publication.

V. E. HUGHES, Business Manager

Donald Church, L. U. No. 501 Initiated March 20, 1942

It is with profound sorrow that we, the members of Local Union No. 501, record the death of our beloved Brother, Donald Church.
Brother Church, who was a member of our country's armed forces, passed away on May 25, 1944.
To his layed core.

country's armed forces, passed 25, 1944.

To his loved ones, we extend our sympathy and grieve with them as we share their loss. Resolved, That a copy of this resolution be spread upon our minutes, a copy sent to his bereaved ones, and a copy sent to the official Journal for publication.

JOHN W. RATCLIFF,

Yonkers, N. Y.

Press Secretary

James Lilly, L. U. No. 53

Initiated September 2, 1941

Initiated September 2, 1941

Whereas it has pleased Almighty God, in His infinite wisdom, to call to his final resting place our esteemed and worthy Brother, James Lilly; and

Whereas in the passing of Brother Lilly, Local Union No. 53 has lost a true and loyal member whose kind deeds and noble character will always be remembered by those who knew him best; therefore be it

Resolved, That we pay tribute to his memory by expressing our sympathy and regrets to his bereaved family, relatives and friends in their hour of sorrow; and be it further

Resolved, That a copy of these resolutions be sent to the immediate family of our late Brother, a copy sent to the official Journal for publication and a copy spread on the minutes of our local union and that the charter be draped for a period of 30 days in his memory.

H. L. SCHONE,

CHARLES STAPLETON,

THOMAS M. CASSIDY,

Kansas City, Mo.

Committee

Committee Kansas City, Mo.

Howard C. Banta, L. U. No. 53 Initiated August 25, 1931

Initiated August 25, 1931

Whereas it has pleased Almighty God, in His infinite wisdom, to call to his final reward our esteemed and worthy Brother, Howard C. Banta; and

Whereas in the passing of Brother Banta Local Union No. 53, I. B. E. W., has lost a true and loyal member whose kind deeds and noble character will always be remembered by those who knew him best; therefore be it Resolved, That we pay tribute to his memory by expressing our sympathy and regrets to his bereaved family, relatives and friends in their hour of sorrow; and be it further Resolved, That a copy of these resolutions be sent to the immediate family of our late Brother, a copy sent to the official Journal for publication and a copy be spread on the minutes of our local union and that the charter be draped for a period of 30 days.

CHARLES STAPLETON, THOMAS M. CASSIDY, FRED J. GRINDROD, Kansas City, Mo.

Committee

Boyd Black, L. U. No. 84

Reinitiated September 19, 1914, in L. U. No. 345

Boyd Black, L. U. No. 84

Reinitiated September 19, 1914, in L. U. No. 345

The membership circle of Local Union No. 8-84 has been broken again by the passing onward of Brother Boyd Black. Although Brother Black seldom had anything to say in our meetings, he was considered by all to be a very outstanding member of our local union and a very loyal friend to all.

Although Brother Black was never married, he lived with relatives and was known by all the children of his neighborhood as Uncle Boyd, so they, too, mourn his passing, along with our membership. Another one of the good traits of Brother Black was that he policed his job and saw that all of the fellows kept their dues in good condition. We wish to call attention to the fact that during the dual days of our International when most of the membership of the Southeastern States went with Reed-Murphy, Brother Black kept his card paid in both Internationals, therefore giving him continuous standing from 1904 through 1944. There are many other good things that we could mention but we lack the space; therefore be it

Resolved, That we tender our sincere sympathy to his relatives who so deeply mourn his departure, to the kiddies of his neighborhood who share with them their sorrow and our deep regret at his going; and be it further Resolved, That we drape our charter for a period of 30 days and that we stand in silence for one minute as a tribute of respect to his memory, also that a copy of these resolutions be sent to his relatives. A copy of these resolutions be sent to his relatives, a copy be spread on the minutes of our meeting and a copy be sent to the official Journal for publication.

S. C. MANN,
J. B. MANN,
A. W. INGRAM,
Atlanta, Ga.

Marcus Hayden, L. U. No. 3

Initiated March, 1907

Whereas God, in His infinite wisdom, has sken from our midst our beloved Brother,

Whereas God, in His infinite wisdom, has taken from our midst our beloved Brother, Marcus Hayden; and
Whereas Brother Hayden has been an earnest and ardent member of Local No. 3 for more than a half century; and
Whereas Brother Hayden aided in the organization of the present insurance plan of Local No. 3 and gave unsparingly of his time and efforts to make this a success; and
Whereas Brother Hayden, although entitled to retire on a pension, elected to continue at work for the duration of the war in order to bring about a more speedy victory; therefore

bring about a more speedy victory; therefore

bring about a more special be it.

Resolved, That we, the members of the board of directors of the Local Union No. 3 Benefit Society, assembled in regular session, on Wednesday, May 3, 1944, drape the charter of Local No. 3 for a period of 30 days and that a copy of this resolution be sent to the International Brotherhood of Electrical Workers and to Brother Hayden's immediate family.

JERE P. SULLIVAN,
President
WILLIAM A. HOGAN,
New York, N. Y. Secretary

M. L. Watkins, L. U. No. 649

Reinitiated December 9, 1934

It is with deep sorrow and regret that we, the members of L. U. No. B-649, record the passing of our Brother, M. L. Watkins; therefore be it

fore be it
Resolved, That we pay tribute to his memory by expressing to his family our sincere sympathy; and be it further
Resolved, That we drape our charter for a period of 30 days, that a copy of these resolutions be spread on the minutes of our next regular meeting, that a copy be sent to his bereaved family, and that a copy be sent to the official Journal of the Brotherhood for publication. publication.

JULIUS VOSS. Recording Secretary Alton, Ill.

Joseph R. Silva, L. U. No. 1260 Initiated September 1, 1942

Initiated September 1, 1942

It is with deepest sorrow and regret that we, the members of Local Union No. B-1260, record the passing of our Brother, Joseph R. Silva, and with respect and a deep feeling of sympathy for his family, we, therefore, in meeting assembled and stood for one minute in silent reverence, also the charter will be draped for 30 days in his memory.

This shall be recorded and copies sent to our Journal, and a copy of this letter to his family.

JOSEPH J. ZASIMOVITCH,

Honolulu, Hawail. Recording Secretary

George Macy, L. U. No. 12

Reinitiated January 20, 1913, in L. U. No. 233

Reinitiated January 20, 1913, in L. U. No. 233
With deep sorrow we, the members of L. U. No. 12, I. B. E. W., record the passing of our Brother, George Macy, on June 11, 1944; therefore be it
Resolved, That we extend our sincere sympathy to his bereaved family; and be it further Resolved, That as a token of respect our charter be draped for a period of 30 days; and be it further
Resolved, That these resolutions be made a part of the minutes of our meeting, and copies sent to the family and to the official Journal.
RICHARD CLEE, OSCAR E. LILE, J. M. NOVAK,
Pueblo, Colo.

Committee

Robert G. Holmgren, L. U. No. 18

Initiated August 4, 1941

Ministed August 4, 1941
Whereas Almighty God, in His infinite wisdom, has seen fit to take from our midst, Brother Robert D. Holmgren; and
Whereas the passing of this Brother to his eternal reward has deprived Local Union No. 18 of a loyal and respected member; now therefore, be it
Resolved, That this meeting stand for one minute in silent tribute to his memory; and be it further

minute in silent tribute to his memory; and be it further
Resolved, That the charter be draped for a period of 30 days; and be it further
Resolved, That we at this time express our condolences to the family of Brother Holmgren in their bereavement; and be it further
Resolved, That a copy of these resolutions be incorporated in the minutes of this local union, a copy sent to the family of the late Brother Holmgren, and a copy to the International Office for publication in the Electrical Workers' Journal.

CHARLES O. ECKLES,
F. W. BARTHOLOMEW,
VERNE L. ADRIAN.
Los Angeles, Calif.

Committee

Charles Walter Powers, L. U. No. 570
Reinitiated December 1, 1936

It is with deep sorrow that we, the members of Local Union No. B-570, of the I. B. E. W., pay our last respects to the memory of our late Brother and friend, Charles Walter Powers, whom God, in His infinite wisdom, saw fit to call from our midst; therefore be it
Resolved, That we, as a body, in meeting assembled, stand in silence for one minute as a tribute to his memory; and be it further
Resolved, That in this hour of sorrow we extend to his family our sincere sympathy; and be it further
Resolved, That our charter be draped for a period of 30 days, a copy of these resolutions be spread upon the minutes of our meeting, a copy sent to his bereaved family and a copy sent to the Electrical Workers' Journal for publication.

WILLIAM A. WEST.

publication.

WILLIAM A. WEST,
Financial Secretary and Business Manager
Tucson, Ariz.

John Albert Clark, L. U. No. 11
Reinitiated August 24, 1942

It is with deepest sorrow and sincere regret that we inform the members of Local No. B-11, studio technicians unit, here assembled, of the passing on of our beloved friend and Brother, John Albert Clark, known to us affectionately as "Johnny."

passing on of our beloved friend and Brother, John Albert Clark, known to us affectionately as "Johnny." Johnny has died," but God says, "Though dead he still liveth."

"Johnny" will continue to live in the memory of all who knew him and especially in the minds of fellow members of this local who have lost a sincere friend and counsellor in the affairs of our Brotherhood, one who will be hard to replace; therefore be it

Resolved, That the members present stand for one minute in reverence and honor to our departed Brother; and be it further

Resolved, That a copy of these resolutions be included in the minutes of this meeting, a copy be sent to his family, a copy be published in the Electrical Workers' Journal, and that our charter be draped for a period of 30 days in memory of "Johnny."

GEORGE H. DAVIS,

GEORGE P. MURPHY,

JOHN N. FATKIN,

Los Angeles, Calif. Committee

Sheldon G. Hoople, L. U. No. 77
Reinitiated March 5, 1935
It is with deep sorrow and regret that we, the members of Local Union No. B-77, record the passing of our Brother, Sheldon G. Hoople; therefore be it
Resolved, That our charter be draped for a period of 30 days, and a copy of these resolutions be sent to his family, and a copy sent to our official Journal for publication; and be it further

further
Resolved, That a copy of these resolutions
be spread on the record of our local union.
REX HUBBARD,
ED CHRISTIAN,
R. J. VICKERY,

Seattle, Wash.

Committee

Seattle, Wash.

Committee

Sam Weddle, L. U. No. 18

Initiated September 1, 1941

Whereas Almighty God, in His infinite wisdom, has seen fit to take from our midst, Brother Sam Weddle; and
Whereas the passing of this Brother to his eternal reward has deprived Local Union No. 18 of a loyal and respected member; now therefore, be it
Resolved, That this meeting stand for one minute in silent tribute to his memory; and be it further
Resolved, That the charter be draped for a period of 30 days; and be it further
Resolved, That we at this time express our condolences to the family of Brother Weddle in their bereavement; and be it further
Resolved, That a copy of these resolutions be incorporated in the minutes of this local union, a copy sent to the family of the late Brother Weddle, and a copy to the International Office for publication in the Electrical Workers' Journal.

CHARLES O. ECKLES, F. W. BARTHOLOMEW, VERNE L. ADRIAN,
Los Angeles, Calif.

Committee

William J. Tomlinson, L. U. No. 143

William J. Tomlinson, L. U. No. 143 Initiated November 3, 1941

Initiated November 3, 1941

It is with regret that the membership of Local No. 143, Harrisburg, Pa., records the passing of our Brother, William J. Tomlinson; therefore be it

Resolved, That we express to his family our sincere sympathy; and be it further

Resolved, That a copy of these resolutions he mailed to his wife; a copy spread on our minutes, and a copy sent to the International Office for publication in the Worker, and that our charter be draped for the proper period.

Harrisburg, Pa. EXECUTIVE BOARD.

Lester L. Hill, L. U. No. 77 Initiated May 1, 1934

Initiated May 1, 1934

It is with deep sorrow and regret that we, the members of Local Union No. B-77, mourn the sudden death of Brother Lester L. Hill; and therefore be it

Resolved, That we pay tribute to his memory by expressing to his family our sincere sympathy; and be it further

Resolved, That a copy of these resolutions be sent to his family, a copy be sent to the Journal for publication, and a copy be spread upon our minutes; and be it further

Resolved, That we drape our charter for 30 days in his memory.

A. L. JENKINS,

A. DAKERS,

CHRIS SORENSON,

Seattle, Wash.

Committee

Committee

Seattle, Wash.

John Krainock, L. U. No. 143 Initiated September 27, 1937

It is with deep regret that the membership of Local No. 143, flarrisburg, Pa., notes the passing of Brother John Krainock, who was a member of the famous "Seabees"; therefore

Beild be it

Resolved, That we express to his family our sincere regret and sympathy; and be it

sincere regret and sympathy; and be it further
Resolved, That a copy of these resolutions be mailed to the family of the deceased, a copy spread on the minutes, and a copy sent to the International Office for publication in the Worker and that our charter be draped for the proper period.

Harrisburg, Pa. EXECUTIVE BOARD.

Morris Keith McDonald, L. U. No. 66 Initiated August 20, 1942

Whereas the wrath of war has subjected the young manhood of our nation to severe duties and responsibilities; and Whereas Brother M. K. (Little Tex) McDonald, along with several hundred other members of Local Union No. B-66, willingly answered the call to service with our armed forces; and

answered the call to service with our armed forces; and Whereas the Almighty, on April 24, 1944, called him to that place from whence no one returns; therefore, his many friends, with deepest regret and keen recollection of his friendship, loyalty and Brotherhood, express to his parents and other relatives through these resolutions a deep feeling of sorrow and a sincere desire to be helpful; therefore be it Resolved, That the charter of Local Union No. B-66, of the I. B. E. W., be draped for 30 days in his memory; and be it further Resolved, That a copy of these resolutions be sent to his mother and father; a copy spread on the minutes of the local, and a copy sent to the Electrical Workers' Journal for publication.

sent to the publication.

W. W. COFFER, A. J. BANNON, STEVE COLLINS, M. G. PAYNE,

Houston, Texas.

Committee

Milton Hillyer, L. U. No. 9
Initiated May 23, 1938

Whereas God, in His divine providence, has called from his earthly labor the above-named member and esteemed co-worker in our Local Union No. B-9; and
Whereas as we deem it fitting and proper that the members of Local Union No. B-9 of the I. B. E. W., offer a tribute to the memory of one who has been a loyal member of our Brotherhood and country and a faithful friend and Brother; therefore be it
Resolved, That the sincere sympathy of the membership of this Local Union No. B-9 and the membership of this Local Union No. B-9 and the membership of the International Brotherhood of Electrical Workers is hereby extended to his bereaved family.

HOMER SMELLZER,
RUSSELL COE,
HARRY SLATER,
Chicago, Ill.

Committee

Chicago, Ill.

Committee

Milton Schlieder, L. U. No. 620 Initiated October 7, 1937

Initiated October 7, 1937

It is with deep sorrow and regret that we, the members of L. U. No. 620, of the I. B. E. W., record the passing of our Brother, Milton Schlieder, who passed away May 25, 1944; therefore be it Resolved, That we, the members of L. U. No. 620, pay tribute to his memory by expressing to his family our sincere sympathy; and be it further Resolved, That our charter be draped for a period of 30 days in respect to his memory, and that a copy of these resolutions be sent to his family, a copy be sent to the I. B. E. W. Journal for publication, and a copy spread on the minutes of our next meeting.

GEORGE MARTIN, CLEMENS ACKER, GEORGE HICKENBOTHAM, Sheboygan, Wis. Committee

Lester W. Smilev, L. U. No. 953 Initiated July 16, 1937

Initiated July 16, 1937.

It is with the deepest sorrow and regret that we, the members of L. U. No. 953, record the passing of our friend and Brother, Technician Fourth Grade Lester W. Smiley, as reported by the Secretary of War to his mother on May 14, 1944. Brother Smiley is the first member of our local to give his life in defense of our country, having enlisted in March of 1949.

Whereas at the last meeting we stood in silence for one minute as a tribute to his memory and what he died for; therefore be it Resolved, That a copy of this resolution be spread upon the minutes of our next meeting, a copy be sent to his bereaved mother, a copy be sent to our official Journal for publication and that our charter be draped for a period of 30 days. of 30 days.

Eau Claire, Wis.

HENRY C. RULE, Business Manager

Paul Markey, L. U. No. 953 Initiated April 2, 1937

Initiated April 2, 1937

It is with the deepest sorrow and regret that we, the members of L. U. No. B-953, record the death of our late Brother, Paul Markey; therefore be it Resolved, That a copy of these resolutions be sent to his family, a copy recorded in the minutes of the local and a copy sent to the Electrical Workers' Journal for publication; and be it further

Resolved, That in his memory our charter be draped for a period of 30 days.

HENRY C. RULE,

HENRY C. RULE, Business Manager Eau Claire, Wis.

L. I. Ware, L. U. No. 125 Initiated September 14, 1917

Initiated September 14, 1917

With the passing onward of Brother L. I. Ware, Local Union No. B-125 has lost a member of long standing, a loyal Brother whose friendship and support will be sadly missed. His absence will be keenly felt by those of us who have known him over the years.

We would express to his loved ones the deep sympathy which we feel, and give them our assurance that we share, in a large measure, the grief which they may feel.

The charter of Local No. B-125 shall be draped for 30 days in memory of Brother Ware, and a copy of this tribute shall be spread on the minutes of our meeting. We shall send copies also to his bereaved family, and to our Journal for publication.

R. I. CLAYTON,

R. I. CLAYTON, DALE B. SIGLER, C. W. CHASE, Committee

Portland, Oreg.

Benjamin J. Navis, L. U. No. 494

Initiated June 21, 1937

Whereas the Almighty God, in His wisdom has taken from our midst our esteemed and worthy Brother, Benjamin J. Navis; therefore

worthy Brother, Benjamin J. Navis, intervalse it
Resolved, That we pay tribute to his memory by expressing to his family our sincerest sympathy; and be it further
Resolved, That a copy of these resolutions be sent to his family, a copy spread upon our minutes and a copy be sent to our official Journal for publication.

ARTHUR C. SCHROEDER, EMIL BROETLER, ARDEN FENSEL, GEORGE SPATH, JOHN BERST, GEORGE KAISER,
Milwaukee, Wis.

Committee

F. J. Shirley, L. U. No. 339

Initiated August 2, 1929

Initiated August 2, 1929

It is with sorrow and sadness in our hearts that we record here the death of one of our esteemed Brothers, Fred J. Shirley, who passed to his eternal reward on April 26.

In paying tribute to Fred, may we say, that throughout his seven long years of suffering, he was an example to all of us, for his courage and fortitude were certainly inspiring. As a Christian gentleman he accepted his intense suffering in silence, and in accord with the will of God; therefore be it

Resolved, That we stand in silence in respect to his memory for one minute at our next regular meeting, and that we send a message of condolence to his bereaved family whom he loved so much; and be it further Resolved, That a copy of these resolutions be entered in the minutes, and also be sent to our official Journal for publication.

EAMES FOREMAN, BILL JOSS, FRED GOULD, Fort William, Ont.

Committee

W. B. Webber, L. U. No. 813 Reinitiated April 1, 1939

J. W. C. Barrett, L. U. No. 813 Reinitiated August 1, 1940

Reinitiated August 1, 1940

It is with the deepest sorrow and regret that we, the members of L. U. No. 813, record the death of two Brothers, whose names are mentioned above; therefore be it Resolved, That we pay tribute to their memory by expressing to their families our sincere sympathy; and be it further Resolved, That the members stand in silence for a period of one minute in tribute to their memory and that our charter be draped for a period of 30 days; and be it further Resolved, That a copy of these resolutions be placed in the minutes of our meeting, a copy sent to the families of our departed Brothers, and a copy sent to our official Journal for publication.

E. L. MAWYER,

E. L. MAWYER.

Roanoke, Va.

President

John Doyle, Jr., L. U. No. 501

Initiated September 12, 1924, in L. U. No. 402

Intitated September 12, 1924, in L. U. No. 402

It is with deep sorrow and regret that we, the members of Local Union No. 501, record the passing of our Brother, John Doyle, Jr.; therefore, be it

Resolved, That we pay tribute to his memory by expressing to his family our sincere sympathy; and be it further

Resolved, That we drape our charter for a period of 30 days, a copy of these resolutions be spread on the minutes of our next regular meeting, a copy sent to his bereaved family and a copy sent to the official Journal of the Brotherhood for publication.

JOHN W. RATCLIFF, Yonkers, N. Y. Press Secretary

Joseph Correll, L. U. No. 263 Initiated June 23, 1936

Initiated June 23, 1936

It is with deepest sorrow and regret that we, the members of L. U. No. 263 of the I. B. E. W. record the death of our esteemed and worthy Brother, Joseph Correll, who passed away April 25, 1944. Mr. Correll was a member of L. U. 263 for nine years. Therefore be it Resolved, That we, the members of L. U. No. 263, pay tribute to his memory by expressing to his relatives our heartfelt sympathy in this hour of sorrow, and be it further Resolved, That the members stand in silence for a period of one minute as a mark of respect to him; and be it further Resolved, That the charter be draped for 30 days; and be it further Resolved, That a copy of these resolutions be sent to his family, and a copy be sent to the Electrical Workers Journal for publication. JOHN W. NORTON,

JOHN W. NORTON, EDWARD E. HEIN, GEORGE L. MEYERS, Dubuque, Iowa Committee

Charles P. Jasper, L. U. No. 853

Initiated June 25, 1942

Initiated June 25, 1942

With a sincere feeling of sorrow we, the members of L. U. No. 853, record the death of Brother Charles P. Jasper; therefore be it Resolved, That we pay tribute to his memory by expressing to his family our sincere sympathy; and be it further
Resolved, That the members stand in silence for a period of one minute in tribute to his memory, and that our charter be draped for a period of 30 days; and be it further
Resolved, That a copy of these resolutions be placed in the minutes of our meeting, a copy sent to the family of our departed Brother, and a copy sent to our official Journal for publication.

STANLEY W. TUTTLE.

Kearny, N. J. STANLEY W. TUTTLE,
Recording Secretary

Percy Parks, L. U. No. 77

Reinitiated September 1, 1925, in L. U. No. 944

Reinitiated September 1, 1925, in L. U. No. 944

It is with deep sorrow and regret that we, the members of Local Union No. B-77, I. B. E. W., record the passing of our Brother, Percy Parks; therefore be it
Resolved, That we pay tribute to his memory by expressing to his family our sincere sympathy; and be it further
Resolved, That we drape our charter for a period of 30 days, and that a copy of these resolutions be sent to his bereaved family, that a copy be spread on the minutes of our meeting and a copy be sent to the official Journal of our Brotherhood for publication.

T. JACKS.

T. JACKS.
E. HARNEY.
A. REHNBERG.
GEORGE OLSON.
Committee

Seattle, Wash.



Members' Leather Pocket Holder

durable. folder to contain Official Receipts. brown or black

35 cents

Walter J. Frazier, L. U. No. 479 Initiated December 29, 1942

Initiated December 29, 1942

We, the members of Local Union No. 479, of Beaumont, Texas, record the passing of our Brother, Walter J. Frazier, with deep sorrow and regret; therefore be it Resolved, That we pay tribute to his memory by expressing to his family our sincere sympathy; and be it further Resolved, That a copy of these resolutions be spread upon the minutes of our meeting and a copy be sent to our official Journal for publication; and be it further Resolved, That our charter be draped for a period of 30 days in tribute to our late Brother.

Brother.	F. E. MACK, R. R. PALME W. H. STARR	R,
Beaumo	nt, Texas. W. H. STARR	nmittee.
DEAT	H CLAIMS FOR JUNE,	1944
L. U. 46	Name D. G. Shanahan	Amount \$300.00
1032	H. C. Morgan	1.000.00
58	Alexander Provan	1.000.00
53	H. S. Banta	1,000.00
I. O. (300)	L. R. Ploof.	650.00
84	Boyd Black	1,000.00
480	W. R. Johnson T. F. Mayer E. R. Boone	650.00
68	T. F. Mayer	825.00
I. O. (719)	Alexander Hamilton	650.00
3 77	C. M. Plan	1,000.00 825.00
3	G. M. Blue	1,000.00
357	A. Corry	300.00
58	R. Kennedy	1,000.00
58	J. Doherty	1,000.00
618	F. E. Murphy E. S. Rawson	1,000.00
	E. S. Rawson	1,000.00
1	E. Eberius	1,000.00
453 949	H. A. Rode	475.00 650.00
I. O. (3)	John Ukraines	1,000.00
I. O. (211)	E. M. Crawford	1,000.00
620	M. E. Schlieder	1,000.00
3	J. F. Jackson	1,000.00
11	E. O. Greene	300.00
6	F. Collins	475.00
L O. (836)	R. LaPointe	475.00
637 491	R. W. Gordon	650.00
11	B. J. Navis	825.00 475.00
73	Joe A. Wilkinson	300.00
659	Vernon S. Berg	
11	Walter G. Alexander	1,000.00
I. O. (326)	E. H. Touroche	475,00
104	Joseph Rice	1,000.00
52	L. Zwieble	1,000.00
103	J. H. McHugh	1,000.00
193	J. H. McHugh F. L. Miller Roscoe Van Winkle	1,000.00
3	Hugo W. Labaschin	1,000,00
288	Hugo W. Labaschin	475.00
3	J. G. Hund	1,000.00
134	D. Speer	
394	T. H. Mohan	1,000.00
1. 0. (61)	Lee Steuerwald	1,000 00
I. O. (125)	F. M. Moneer A. W. Riggs	1,000.00
501	John Thomas Boyle, Jr.	1,000.00
3	Charles Ernest	1,000.00
263	Joseph F. Correll	1,000 00
570	C. W. Powers	1.000.00
702	C. R. Neill	1,000.00
L O. (9)	W. A. Jackson	1,000.00
100	Henry F. Kuhn	1.000.00
1. O. (68)	C. W. Doss O. M. Nicosen	1,000,00
3	William J. Gileon	1,000.00
143	William J. Gilroy	475.00
	L. B. Bullington	475.00
892	L. B. Bullington	300.00
1012	W. A. Snyder.	

L. U.	Name	Amount
80	C. R. Salo	300.00
I. O. (100)	P. A. Forham	1,000.00
528	A. O. Spear	1,000.00
1024	William D. Hanlelter	1,000.00
494	E. F. Fahey	1,000.00
48	R. A. Walstrom	650.00
L.O. (786)	Emanuel Weisfeld	1,000.00
9	William G. Zepp	1,000.00
813	James W. C. Barrett	650.00
L O. (134)	Kenneth E. Duffy	300.00
98	James C. Bunnell	1.000.00
616	W. G. Michaelsen	300.00
48	V. M. Evick	300.00
66	H. C. Springborn	475.00
3	L. Falten	1,000.00
40	Charles L. Meyers	1,000.00
816	E. M. Harris	300.00
I. O. (181)	G. A. Crandall	475.00
876	C. D. Black	650.00
358	Edward Grode	1,000 00
L O. (953)	L. W. Smiley	1,000.00
L. O. (574)	Ralph Bumstead	1,000.00
6	John B. Casselman	150.00
300	Edward Rafter	150.00
339	Fred J. Shirley	1,000.00
813	William Brown Webber	150.00
1314	R. C. Hamilton	150.00
213	Archie J. McCullock	1,000,00
48	Otto G. Nyguist	150.00
411	Harry Kissame	150.00
9	John W. Whitlock	150.00
31	P. J. McDonough	150.00
744	L. R. Baldwin	150:00
11	John A. Clark.	150.00
561	William F. Uwims.	1,000.00
322	John A. McKenzie	150 00
1133	Chase Jameson	300.00
1000		4444

NEW NATIONAL ELECTRICAL CODE

\$70.975.00

(Continued from page 293) What is the function of a current transformer in a transformer vault?

What information shall the name plate of a motor give?

If fuses are used for motor running protection, which conductors shall be fused?

Name two types of motors that, under certain conditions, shall be provided with speed-limiting devices?

What is the demand factor for conductors from generator terminals?

If a transformer is immersed in a liquid that will burn, what precaution must be observed?

What type of switchboards are approved for theaters?

What elevation must be maintained for service conductors over driveways? Over sidewalks?

What type of cord is approved for charging purposes in battery charging rooms?

What is the carrying capacity of a 14" by 2" bus bar installed in an auxiliary gutter?

24. Are thermal devices that are not designed to open short circuits used in place of fuses for over-current protection of conductors?

What type of conductors is approved for open wiring on insulators in damp or wet locations?

26. What is the carrying capacity of copper bus bars when installed in ventilated enclosures?

Is armored cable approved for theater wiring?

Is it permissible to secure nonmetallic sheated cable directly to the lower edges of joists in unfinished basements?

What is the greatest number of cira cuits that may be connected to one individual branch circuit panel board?

What color or colors may be used for the grounded conductor of a system? (For answers see page 316)

"POWER UNLEASHED"

(Continued from page 290)

the study of sources of energy and even though he was a great theorist he was also extremely practical and surprisingly accurate in his predictions. Water power, to Steinmetz, was nothing more than rain water flowing downhill from high levels where the sun's action deposited it. In 1918 he attempted to estimate the amount of water power available and it is interesting to note that the maximum possible hydraulic energy at that time was little more than the total energy then being produced from coal. Steinmetz went on to say:

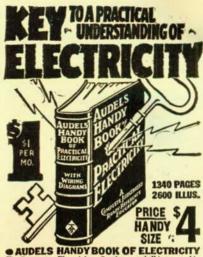
"This is very startling. It means that the hope that when coal once begins to fail we may use the water powers of the country as source of energy is and must remain a dream; for if today (1918) all potential water power of the country were developed and every rain drop used, it would not supply our present energy

"Thus hydraulic power may and should supplement coal as a source of power but can never replace it.'

This brings us naturally to the question of how much fuel is there available in the earth in the form of coal and oil? Quoting from the report issued by the National Resources Committee in 1939 entitled "Energy Resources and National Policy" the author goes on to show that although the figures are only approximate the report indicates that fuel resources, especially in the form of coal, are practically unlimited for many years to come as compared with the water power resources.

In discussing the reason why there is so much more public interest in water powerthan in fuel power, Mr. Samuels advances the theory that there is something emotional about water power and that it makes us think of the great outdoors, of mountains, forests, lakes and streams while on the other hand there is nothing particularly romantic about black coal pits or dirty oil fields. In com-paring the relative merits of power generation at the source of power and the difficulties of transmission of current over long dis-tances, the writer expresses the opinion that from the practical engineering standpoint it is easier to transport fuel from the mines to the load center in the city than it is to maintain long-distance transmission lines without interruption of service. Mr. Samuels predicts that in the future coal will be converted to oil at the mines and transported to the large city powerhouses by pipe line and that the load centers of electrical energy consumption in large cities will depend mostly on power generated in steam generating plants in the cities.

Speaking as an engineer, the author feels that they should not be blamed for technological unemployment. He feels that the engineer's function should be to create laborsaving machines and that the job of adjusting the existence of these machines to the economic and social conditions should be the job of experts in government economics and sociology. Mr. Samuels feels that if the progress of the machine has surpassed prog-ress in other fields the blame should not be placed on the engineer who creates the machine. His opinion is that it is difficult



For Planting Control of Students and all interested in Electricity. A quick, simplified, ready reference, giving complete instruction and practical information. Easy to understand, A reliable authority and a handy helper that answers your questions.

INSIDE TRADE INFORMATION ON The Rulesand Laws of Electricity—Maintenance of Machinery—A. C. and D. C. Motors—Armature Winding and Repair—Wiring Diagrams—House Lighting—Power Wiring—Cable Splicing—Meters—Batteries—Transformers—Elevators—Electric Cranea—Railways—Bells—Sign Flashers—Telephone—Ignition—Radio Principles—Refrigeration—Art Conditioning—Oil Burners—Air Compressors—Welding, and many Modern Applications explained so you can understand, READ FOR PROFIT!
Togetthis assistance for yourself, simply-fill in and mail the FREE COUPON below.

THEO. AUDEL & CO., 49 West 23rd St., N. Y. 10
Please send me "Audels Handy Book of Practical
Electricity" for free examination, If satisfactory,
I will send you \$1 in 7 days, then \$1 monthly
until \$4 is baild. Otherwise I will return it.

Name	- Parent	 	 77 5.4.6	 	
Address _		 	 	 	
Occupation				-	
Reference		 	 	 	 EEE

enough for an engineer to be a good engineer and he should not attempt to be an expert in economics, sociology, political economy, and that his interest in these subjects should be only for the purpose of pro-viding a general cultural background.

In all of his work the author seems to be motivated by the desire to make life more worthwhile, richer and easier for people. As he points out in his concluding chapter:

"All our engineering achievements are as naught if they do not bring more comfort, greater security and better health to every individual. Of what use are highspeed machines if they throw men out of work to starve? Even when our production is enormous we learn that men are put out of work. What is this going to lead to? Is there going to be an army of hungry men and women patrolling the country in search of bread and destroying machines everywhere? Is there going to be a revolution against the machine? And in order to forestall such dreadful possibility should the engineer, as a patriotic duty, stop improving machines and inventing new machines? By no means, says Mr. Samuel. "The old suppositions that new inventions find work for those thrown out of work by old inventions do not check with figures. We reduce hours of labor enormously, we increase production enormously and yet we have an unemployment problem. The solution of the problem seems to be the equitable distribution of the production of all required energy among all the people so that every one works only a limited number of hours a week and receives sufficient compensation for this work to give him economic security.'

WOMAN'S WORK

(Continued from page 300)

able for the hands. Dip the washed, rinsed dress in the gelatin solution and squeeze gently. Roll the dress in a thick bath towel until dry enough to iron.

For Better Flavor

Vanilla and other extracts will give a more even and lasting flavor to cake and cookies if they are added to the fat when it is being creamed rather than at the last as most recipes direct.

In the Red

To keep your beets an appetizing bright red color, do not clip the tops too closely before cooking. A little vinegar or lemon juice in the cooking water will aid in the retention of the crimson hue also.

For Sweetness

Unpleasant cooking odors are caused by overcooking or cooking at too high heat. The next time you cook cabbage or onions—cook them slowly, just until tender, not until soft and mushy. Notice the difference in cooking smell and in addition you will have saved precious vitamins.

These are all the tips we have space for now. We'll have more household hints in a later issue.

ANSWERS TO QUESTIONS on pages 293 and 315

- 1. No. 14.
- Inner radius of bend at least 10 times the internal diameter of conduit.
- By special permission only,
- 4. Carrying capacity is only 84 per cent of copper.
- 5. No.
- 6. 2".
- 7. No. 6.
- %" minimum, galvanized if iron or steel.
- 9. Open conductor, rigid conduit, approved multiple conductor cable.
- 10. 1500 W.
- 11. No. 4.
- 12. No.
- 13. Rigid conduit.
- 14. For metering and protective relays.
- 15. Maker's name, rating in volts and amperes, normal full load speed, time interval for reaching its rated temperature, and code letters for a. c. motors.
- 16. All ungrounded conductors.
- 17. (1) Separately excited direct current motors.
 - (2) Series motors.
- 18. 115 per cent.
- 19. It must be installed in a vault.
- 20. Dead front type.
- 21. 18 feet 10 feet.
- 22. Type "S" (hard service cord).
- 23. 500 amperes.
- 24. No.
- 25. Rubber covered.
- 26. 1200 amperes per square inch.
- 27. No.
- 28. Yes, if cable is not smaller than two No. 6 or three No. 8.
- 29. 42, if one over-current device per circuit is used.
 - 20, where two over-current devices per circuit are used.
- 30. White or natural gray.

I. B. E. W. ESTABLISHES NATIONAL ELECTRONICS SCHOOL

(Continued from page 286)

mathematics, but this is not an absolute requirement.

Student should preferably have ability to get along with others, to lead; foreman's training desirable, or teaching experience on the job.

Arrangements. Student may pay his own expenses, but must be endorsed by local union. Student and local union may finance student. Or local union may pay entire liv-

Housing. International Office will lease good quarters in hotel near Engineering College at reasonable rates—two students to a room.

Order of Entrance. The desire is to get at least one representative from each local union. The names will be filed as received, one for each local union. When the first class of 85 is filled, the students will be notified. The next 85 will be remanded to the next term six weeks later. If the local union wants to send more than one representative, these will be spaced through the

Central Location. Milwaukee was chosen for its accessibility to all sections of the United States and Canada. Marquette University has long been accustomed to working with industrial groups.

NOTE: The course will be six full weeksall work and no play—and eight courses will be given, one after the other, 48 weeks in all, so send in your application.

LABOR BACKS COOPERATION

(Continued from page 294)

agencies. The primary concerns of such joint factory production committees are problems as:

- a. Maximum utilization of existing plant facilities.
- b. Upkeep of fixtures, jigs, tools and gauges.
- c. Improvements in methods of production.
- d. Efficient use of the maximum number of working hours.
- e. Elimination of defective work and waste.
- f. Efficient use of material supplies.
- g. Efficient use of safety precautions and devices.

In actual practice the joint production committees have proved invaluable in revealing unsuspected sources of idle plant capacity and breaking bottlenecks through intelligent, coordinated approach to baffling problems such as regulated supply of component parts to assembly points.

You	want the .	JOURNAL!	We	want	you	to
have	the Journ	AL!				
				- 114	-	

	idence at once.
Name	
Local	Union
New	Address

z_0				

Old Address__ ZONE NO.

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS 1200 15th St. N.W., Washington 5, D. C. **

LOCAL UNION OFFICIAL RECEIPTS FROM MAY 11, 1944, INCLUDING JUNE 10, 1944

.

		WILLIAM TO THE TOTAL TOTAL TO THE TOTAL TO T					
L. U. 1.0.— 241873 243204	L. U. B-11—(Cont.)	L. U. 54— 51399 514	19 B-111- 69001	69052	L. U. 194— 72123 72179	L. U. B-263—(Cont.)	L. U. 317—(Cont.)
B-1- 33647 33688 143873 143897	447001 447553 447751 448768	B-56— 104261 1048 B 268490 2685	17 B 290402	467250	195— 147892 12119	548333 548356 580165 580259	473143 473250
297384 297459 B 463291 463337	449251 449271 504261 504268	B 413701 4137 742966	45 113— 932195 949551	932196 949595	229227 229330	746251 746303	490092
B 501815 501858 B 503528 503566	637501 637604 638251 638325	B 931906 9319	59 B-114- 55045	55046 80606	122100	265— 951169 951170 126343 126356	511547 511615 623859 624000
760280 760304 827253 827260	639751 640500	B 124281 1250	50 612184	612224	B 123455 123458 B 245980 246000	B-266— 368818 368837	318— 722401 723000 82030
826642 826684	758141 758150	B-58—B 182306 1823	23 788661	788742	B 580501 580593 B 764706 764722	268— B 717387 717480 79272 79395	324456 324507 B 620704
B-2— 14719 14741 145494 145496	936046 936083	383820 3840 384161 3850	57 119- 446429	114202 446438	789001 789152 978741 978750	269— 725441 725445 12096 12097	319— B 668107 668112 110738 110740
204796 205125 B 720331	938783 938901 939732 939750	385501 3856 524341 5243	66 121- 164122	52089	197— 90755 90767 200— 40595	B-272— 712945 713009	B-321— B 404873 404939
B-3— A 54927 54932	942633 942750 B 948001 948058	B 611299 6114 841606 8416	97 122- 145362	816477 145500	B-203- 952278 952291	B 475635 475650 B 680401 680406	467814 467830 685887 685911
A 54955 54975 A 54987 55314	B 950251 950279 B 952501 952542	59— 510194 5101 886906 8870	46 792001	616114 792019	205- 626146 626162 B 634803 634804	B-273— B 174874 174885	322— B 772826 773027 1858 1867
A 55316 56029 A 56033 56631	B 953251 953260 989626 989720	60— 960534 9605 235836 2358	40 B 285601	285620	208— B 676201 190210 190228	B-274 823672 823688	323— 816959 817010 324— 310911 316923
A 56634 57788 A 57800 58123	10— 94152 94166 B-16— 4837 5250	64— 754084 7540 802201 8022	70 494251	286500 494590	209— 583338 583364 210— 627989 628204	B 282892 282900 307456 308526	325— 143039 077201 677205
OA 33331 33339 OA 33581 33600	5432 5641 6001 6016	B-65— 47251 473 B 75587 756	84 779761 880051	779778 880300	211— 650457 650467 82861 82890	B 435074 435078 436785 436804	B-326— 933673 933739 208073
OA 34526 34564 OA 34601 34622	141133 141209 252751 252787	452201 4522 684396 6844		880615 962250	B-212— 258329 127013 127015	B-276— 957175 957176	B 458246 458345 B 607527 607563
XG 667 754 XG 84135	B 564756 564761 B 893266 893393	B-66—B 206388 2064 208527 2085	47 519591	268622 519600	130742 130743 B 238394	B 129856 129890 142029 142085	628891 629114 722250
B 20250 20500 B 20566 20600 B 20781 20787	B-17— 859370 859500 24001 24085	331160 2323 331901 3321		695250 611419	B-213— 707488 707508 65651 65866	B 284155 470221 470250	B-327— B 228258 228346
B 20781 20787 B 20708 21349	B 131214 131217 653621 654000	525646 5256 B 647399 6474	59 B-130- 90431	90722 92250	62680 62687 132128 132155	804751 805092 B+277— 258081 259080	B 298697 298704 561761
B 6490 6642 BW 7710 8760	B-18— 77584 722449 B-18— 77584 77609	67— B 648365 6484 185154 1851	38 92991	92992 92833	B 471917 471924 768611 769076	261611 261750 B 524337 524353	328— 731594 731691 77018 77067
4— 414285 414288 B-5— B 511418 511454	77851 77855 B 407173 407321	68- 149029 1490	40 223501	223850 224060	214— 7120 7388 24072 24075	B 553554 553571 563128 563250	329— 222715 613407 613409
B 659961 669200 826401 826456	B 511769 512250 B 512251 512413	70— 258751 2588 302191 3022 379325 3793	50 224096 26 683237	224097 683250	123976 123990 B 467733 467755	564505 564581 868508 868516	B-330— 313973 313976
945158 945160 977141 977160	B 513001 513085 678005 678715	423604	685389	686609 555363	57903T 579048 B 605108 605112	278— 323710 323756 B-279—	B-335— B 430202 430203
B-6- 71071 71115 87046 87093	678751 678898 765156 765165	B 722701 7227 B 901501 9015	08 133— 718545 08 135— 755894	718559 755930	B-216— 605870 605872 657035	B 279670 279689 714592 714548	B 456313 709067
105696 105830 119175 119185	22- 207751 207831 299249 299250	72— 299543 2996 B-73— 599476	08 B-137— 56545 B 673836	56562 673837	217— B 752054 752056 223444 223447	280— 316168 316200 730747 730774	B-337— 955112 955134 21409 21424
132173 132290 387785 387809	B-23— 746745 746819 88055 88104	B 185204 1852	39 B-138— 11173 50 B 265823	265825	B-220— 744814 744850	281- 886501 886527 312151 312165	338— 593647 363593 363659
B 478613 478616 B 508548 508621	172666 173104 B 247750 247759	B 187710 1881 B 191251 1912	79 B 286385 89 324636	286394 324674	B 344752 716711 716749	B-283— B 196361 196368	B-339— 783174 783175
B 553531 553574 B 553058 553299	B 610697 610796 780859 780861	B 458831 4589 630190 6301	05 139— 71390 92 143— 581760	71416 581792	822861 822002	B 347707 347710 469015 469075	B 465605 465630 612915 612931
B 554305 554462 B 559806 559971	B-25— 168291 168345 26— 292 293	B-78—B 293604 2936	97 745057 08 713244	713259	223— 69479 69541 B-224—	284— 646022 320194 320201	340— 632513 632602 121814 121902
B 707127 707250 B 708799 708885	183751 183840 239552 239562	80- B 407115 4071 342431 3426	92 B-145— 275255 10 224164	275334 224250	B 528286 528425 B 753311 753595	285— 552434 552473 343594 343596	157511 157520 554213 554250
B 711111 711207 B 721501 721679	26— 698101 698250 111542 111556	81— 793498 7935 54429 544	76 515251 931326	515256 931360	951509 951553 225— 842647 842666	B-288— 757487 757500 52741 52742	341— 813451 813611 433641 433650
829870 829876 856808 857104	725737 725927 926629 926632 B-28— 115124 115129	82— 659019 6591 675062 6790	05 146— 312222 69 474191	474750	226— 20801 20866 B-227—	B-288— 52741 52742 258674 258705 B 287444 287448	342— 160811 160840 211884 211885
967076 967365 973639 973660	833322 833327	B-84—B 223746 2237 B 370298 3783	71 519001 01 993089	519620 993142	229- B 612046 612056 556786 556821	B-289— B 209339 209356	B-343— 599155 599169 B-344— 61676 61711
976019 976297 976771 977450	B-30— 629385 629426 B 652515 652522	679947 6799 727600 7279		40255 156172	B-230 219751 219930 B 414571 414600	290— 449058 449102 305159 305161	B 305166 489288 489339
978246 978750 998379 998392	B-31- 45567 46168 B 47846	B-86- 882751 101711 1017	12 152— 199530 529196	529230	B 615601 615605 B 625111 625330	291— 182576 182598 293— 85678 85697	624193 624195 B \$21651 821678
7— 630329 630330 844699 844793	B-32— 984910 984925 198001 198016	B 148701 1487 624731 6248	30 287788	287841	789194 789195 803931 804000	304221 793919 793952	B-345— B 317042
8- 241759 241764 242026 242029	390735 390750 B 754736	87— 827347 8275 724280 7242 88— 122094 1221	87 158- 19736	675995 19760	231— 805605 805655 B-232— 136036 136063	295— 231001 231214 860211 860250	367386 367490 B 669601 669623
512868 512880 738125 738132	33— 346384 346389 B-34— 325065 325130	B-90- 696562	18 159- 551556	Misc. 614461	235— B 462402 462410 574775 574800	296— 57503 57512 B-297— 370356 370365	B 866984 867000 B-346— 148633 148643
738821 738900 835501 835507	734322 993099 993140	B-93— 938035 9381 347391 3474	68 B-160— 48601 93983	48056 94009	B-236— 546086 546095 691496	B-300— 558987 559053	B-347— 450392 450441 B-348— 28743 28868
B-9— 991288 991295 41541 41650	35— 837976 838685 72193 72216	B-95— 31501 316 614221 6142 96— 665552 6656	50 B 246439	246449 493829	237— 17079 17080 573819 573851 726775 726783	301— B 752701 752705 303289 303319	349— B 675697 675701 202501 202765
108423 108430 B 133454 133457	B-38— 719504 719505 488 505 316283 316314	99- 97656 980	491979	494808 678203	238- 58568 58594	B-302— 727108 727111 32486 32514	212841 213000 663091 663170
B 135298 135306 B 135773	317109 317440 526058 526875	127337 849751 8497	82 164 736828	462277	239— 385944 385959 240— 283041 283070	339423 339433 408675 408750	350— 203747 203784 351— 46296 46320
B 234585 234661 B 237658 238031	B 853455 853489 861442 861495	854875 8550 970637 9706	40 B-163- 734251	734285 931500	241— 921228 921247 243— 380311 380317	472501 472637 B 541712 541930	352— 617718 747481 747550
B 792986 793054 878108 878162 884130 884177	39— 371991 371997 721463 721487	100- 117351 1173 547690 5477	01 164 5719	5830 249000	B-244— B 16868 16883 745827 745880	B 542486 542704 B 543019 543026	353— 373236 373249 545681 545931
587131 888000	840913 841290	582144 963595 9636	50 166- 254491	255540 333610	752055 752057	B 544347 544450 B 541636 541716	B-354— 957775 957781
888751 888981 959578 959579 B-11— 57001 57133	40— 27751 28252 184394 587949 588000	B-102—B 84178 841	98 173- 994238	994250 884462	B-245— B 422711 422713 B 633031 633080	B 542335 542362 B 543310 543380	B-355— 411411 411420 B-356— 488372 488408
B-11— 571901 57133 64501 64599 B 105989 106197	B-41— 149251 149258 349626 349628	B 336333 3363 394260 3942	84 174733248	733250 143165	665684 665686 829501 830760	B 543976 544091 B 544568 544637	B-357— 58501 58500 B 679231 679310
B 103989 106197 B 107260 107264 B 108937 109481	B 439589 439607 B 456631 456690	103— 22491 224 51541 517 559251 9595	50 408302	408304 303948	B-246— 572205 572229 247— 401029 401039	770747 770910 771627 771750	685394 685469 822606 822750
119719 120000 B 193206	B-44— 861549 861750 749517 749531	104- 177631 1778	THE PROPERTY OF	744787 123330	B-248— B 311083 311086	772642 772706 773470 773693	358— 983496 983510 134261 134427
198519 198750 199221 199500	B-46— 5146 5250 5470 5637	B-105— B 283605 2836 316921 3169	12 123331 214201	123572 214206	B 332422 332438 608096 608097	787269 787460 B 866263 866269 B 862501	B-359— 166942 166954 B 426606 426609
202205 202308 212303 212326	6001 6015 405221 407000	B-106— 94061 5648	51 268289 773756	271240 773850	B-249— 630145 630185	921970 922055	B 696415 696449 731613 731663
214495 214590 215992 216000	B-48— 47751 48033	110101 1101 712494 7125	00 178- 346066	787950 346077	B 154475 154500 761699 761729	990825 996875 992731 992777 393— 767554 767564	360- 336163 336164 943036 943120
B 216982 217021 217602 218010	48751 48850 B 196381 196392	B-107— 127871 1279 152538	B 275167	275169	B-251-B 762001 762005	B-304— 53761 54000 250501 250750	361— 329612 329638 362— 185821 185965
B 217674 217749 218011 218099	B 769501 769595 B 776191 776250	B 196554 1965 442612 4426	18 717790	614808 717978	B 672949 672970 828011 828015	B 288795 288820 B 327362	B 625811 625820 B 674403 674406
218398 218620 B 219008	932834 933000 961280 961500	B-108- 511078 5110	92 181— 73487	782303 73500	252— 272398 272400 253— 94327 94350	769280 769294 B-305— 986451 986470	363— 879025 879029 11490 11499
219084 219750 219835 220500	961914 962250 962502 963000	B 115150 1152 157501 1577	72 184- 997841	142646 997878	254— 213513 348079 348084	B-306— 28435 557975 557984	365— 862762 862839 B-366— 128729 128767
222159 222460 222461 222750	963431 966514 966751 967319	158251 1590 198001 1995	00 185— 42001 000 404231	42085 404250	256— 110414 110433 257— 689508 689520	307— 566413 566435 916541 916546	367— B 636901 113620 113667
222922 223458 223906 224250	967501 967787 968251 968660	199501 2010 201356 2025	000 B-186— 642832 600 B-186— 688743	688763	B-258-	308— 689971 689997 B-309— 776661 776849	370— 723751 723781 756281 756284
225502 226406 226501 226555	B-50— 55508 55556 375685 375745	276713 2767 408751 4093	50 B 696301 B 720301	696314 720312	259— 95525 95541 10850 10851	311— 982254 982265 50294 50296	373— 421902 421929 375— 645119 645148
227251 227279 248507 248509	375763 375834 B 479921	410251 4103 521251 5213	75 187 — 599551 643082	599562	500583 500588 856768 856797	312— 874836 874932 107784 107851	377— 12658 12660 354737 354743
B 311620 311642 330207 33#258 B 366215 266270	52— 793154 793156 547061 547278	B 656326 6566 884860 8850	000 191- 139576	616761 139592	B-260— 46288 46314 B 328280 328282	313— 61106 61168 734981 735179	378- 680072 680123 694108 694121
B 366315 366379 431758 431814 438881 438758	549512 549591 550204 550500	888001 8882 998658 9990	100 453523	341266 453750	262— B 587771 587815 33571 33610	317— 126001 126211 126436 126750	B-379— B 265527 265536
438001 438750 442501 443251 446251 446740	B-53— 497425 497575 B 777946 777087	110— 360546 3607 414101 4141	29 504194	220717 504376	B-263— 733196 733290 146191 146250	126758 127592 128251 128507	B 418810 418816 708003 708016
440201 446740	778680 778681	955757 9557	58 927804		B 309532 369534	129001 130500	855038 855248

L. U. B-380— L. U. 460—	623507 623556 L. U. B-544— 4164	9 L. U. B-620—		L. U. 685— 225592		L. U. B-744— 139540	139731	B-813—	400000
554314 554316 461-	753702 993367 993400 B 45301 57568	9 453034 B 103 5 575755 433	1960 102968 1197 435207	541224 686— 182595	541263 182618	B 422110 B 452535	422117 452575	B 429059 B 454669	429060 454741
382— 372119 372121 B-463— 571689 571747 B:	71670 71701 B-545— 28161 373302 B 54830	5 548308 R.622- 49	788 289817 1782 42794	B-687— B 673801	120000000000000000000000000000000000000	B-746— 127412	127414	612085 735958	736957
494153 494166	579132 579169 B-546— B 87300	B 763	796 762835	B-688— 164876	748304 164938	747— B 394593 113408	394594 113482	B-814— 229336 B 326914	229341 326915
386— 2127 2190 B-465—	96599 96600 B 46800 888601 888612 68784 547— 12913	5 687868 873	162 852478 1761 872868	B-689— 222788 B 695701	222831 92964	B 621001 B 668709	621005 668730	B-815— 184514 B 688926	482360 688939
B-387— B	188984 188992 548— 73380	7 614959 626- 104	343 845378 1729 104740	B-690— 92926 B 306001	306003	B-748— B 271023	271071	B-816-	678908
741641 741649 B	440471 440875 B-549— 8895 131328 131370 B 62311	4 89984 B 213	769	693— B 722102 579174 646221	579175 646234	322699 B 425134	322728 425149	B 678906 956285 980741	980870
	192982 193000 B 67141 63954 63972 70851	0 671430 B-628- 971		694— 491234 697— 437667	491244	B-749— B 946292 971528	946390 971649	B-817 115459 169501	115500 169795
134461 134473 135081 135220 471—	102519 162574 550— 49858 96798 96833 95316	8 498620 R 67	923 675932	B-699— 835683	835684	751— 799184 865104	799186 865339	355089 B 457623	355094 457667
219631 219750 B-472— 220908 221142 B	725682 725684 552— 11062 56957	4 110633 61 7 596	899 61906 901 591000	B 336751 501282	501317	B-753— B 264485	264512	B 606655 B-818— 117519	606690 117545
454331 454546 B-474—	574223 574243 553— 36052 83487	9 834893 B 670		700— B 549148 401133	549235 4 0 1149	322470 B-754— 115287	322481 115299	B 600135 B 783496	600161 783563
456001 456560	290694 B-554— 9456 505704 505706 B 15366	9 153740 630- 27	085 272095 1035 8039	B-702— 67677 130291	67685 130362	755- 319043	319076	819— 34309 B-820— 327811	34323 327835
B-391- 383609 383618	794666 794683 B 44161 979244 979451 B-555— 9525 153471 153511 B 46595	1 95285 646	034 646066 851 673922	130539 130801	130652 130877	756— 709172 25073 B-757—	25090	B 460798 740276	460810
393— 806829 806862 B-476—	725462 725481 B-556— 835449 835483 B-64050	7 040510 033- 03	297 68440 077 270080	B 200412 239689 240001	200426 239693 240023	B 471609 533005	471612 533037	822— 357924 823— 698799	357975 698811
397— 72294 72297 B-477—	176351 176570 557— 87531 255511 255524 558— 35791	8 875355 B-634 B 470	H30 470449	241400 B 284809	241412 284865	758— B 615902 758— 419800	419820	B-824— 199061 B 474605	199093
398— 159751 159776 B	286939 286985 72072 288885 288890 72150	6 720750 78		B 373615 434206	373619 434250	B-759— B 268921	268077	B-825-B 96792	474608 96814
	320168 320250 559— 15001 R-561—	3 150037 B 667		434358 435751	434408 435931	B-760— 345727 85840	345754 86027	B-826— B 638701	638731
B-403— B	929251 929256 B 42961 B 45575	3 455781 B-636— 793	1577 733578 1168 793183 1572 191670	436241 B 466651	436326 466706	761— 699217 762— 96477 762— 97955	699587 96502	B-827—	001009
B 611102 611103	138126 138205 57856 360224 360231 70531	7 578891 R-638- 100	591 100625	B 467140 B 468301	467146 468304	B 763—B 28046	97980 28075	B-828—B 416156 B 280263	000070
404- 596018 596020	984041 984048 B-562— 984971 984475 B 64170	1 686 B 738	277 684278	512879 522976	512906	B 247088 937757 764— 828961	247096 937940 829030	B 420621 B-833—B 98532	280273 98608
405— 882088 882127 480— B-406— 332926 332950 481—	867095 867151 564— 53593	7 720300 639— 705 5 535944 B-640— 196	993 703009	656525 677093	656531 677100 801597	B-766— 570428 592122	570443 592125	586281 B 357721	586292
B 422405 B 452711 452715 B-482—	221079 221087 B-566— 9996	1 99980 B 283		801479 804676 805063	804750 805124	767— 288536 768— 660571	288612 660591	B-835— B 292517	292519
B 681001 681029 B-484	478506 478517 B-568— 15075	1 150850 B-641-	1381 654470	853969 948015	854051 948410	770— 492808 660550	492809 660662	B 303334 625264	303336 625500
408— 23329 23417 B	629107 629117 B 26345 789144 789147 B 26345	3 263484 686	383 686394	948751 B-703—B 78956	948850 78958	B-771— B 420911	Transport	836— 973501 733012	973551 733113
P 409 271099 489—	883834 883850 B 41855 276664 276675 65617 111484 111504 94851	1 656250 358	227 257236 3916 358990 1241 91273	290723 648021	648065	B-772— 141001	451377 141115	B-837— 24384 B 485914	24410 485963
B 675327 675347 B-493—	359870 359881 B-569—	508	1241 91273 8673 508690 8018 113071	704— 775826 B-705— 681257	775838 681271	357734 B 445298 B 621512	357750 445304 621575	B-838— 900374 840— 725932 841— 459366	900395 725954
B-410— 674901 899395 899402 406 B	387911 389190 40359 474038 474099 45969 824135 824185 45969	8 403602 B-647— 23	869 237878 1251 413480	B-706—B 77211	77214	B 631513 788435 B-773— 13317	13318	841— 459366 816374 842— 84978	816384 84981
491555 491557 B-497—	292667 292673 B-570— 12090	3 501364 483 01 120947 996	867 485869 3776 996827	93539 589489 707— 18086	93566	774— 730804 774— 347174	730843 347242	B-843— 643572	643596
740242 740250 499-	3378 3563 17565 239046 339054 B 28293	4 175655 B-649— 8 282939 B 103		718548 728281	718549 728390	B 463208 B 610502	463210	B 294702 308388	294716 308419
B 139982 139985 500	761394 761398 571— 5321 566799 566800 75469	1 53214 37: 5 754720 81:	2581 372745 1869 813871	708— 163494 940209	163499 940338	B-775— 160877 B 472824	472837	844— 500713 845— 625669	500792 625694
B 604083 604212 501-	624042 624316 B-572— 352750 B 67330 12704	5 45	1843 281846 1021 454113	709— 729798 710— 336895	729823 336906	776— 861176 24493	861201 24565	B-846— 1266 264001	264054
413— 41311	986365 986366 573- 2791	9 27921 B 67	5619 675630	712— 492417 B-713—	492426	777— 491250 945795 848190	945819 848473	444890 507117 P 819760	444891 507136
B-414— 716092 716095 B:	103230 103238 376— 16094 255540 81191 928091 928119 577— 88263	6 88	8231 848250 5601 885609 9175 80202	B 790501 944262	792750 944540	B-778—	854273	847— B 813769 393146 576335	393148 576396
762291 B-505—		6 271299 B 64	1106	714— 74525 715— 590371 907690	74528 590386 907716	B 723001 973651	723045 973665	B-848— B 468641	468660
416— 262501 262521 B	439237 670052 670307 583— 41992 4103	1 419970 654- 2	7751 27875 0196 30202	716— 135341 135931	135430 136039	779— 637313 794190	637314 794236	B 605419 722621	605423 722632
417- 148068 148077	670553 670582 584— 17319 683442 683456 36276	9 173465 48 6 362965 71	1962 485026 1286 711750	252811 253541	253260 253930	780 458703 582982	583069	849— 753844 646983	647128
959258 959259	851624 851689 80587 852920 852927 585— 33225	1 332276 B 34	3619	529111 822801	529150 822950	B-783— 676782	676783	850— B 681606 445839	681610 445861
B-423— 126084 126114 B-506— B	466866 466906 B-587— 12235	1 122394 656- 0	1956 94990	B-717— 55369 B 462906		B 467140 B 604506	467144 604507 970716	851— 760952 677959 852— 468434	678000
424— 710065 710080 B 607	604223 604227 B 67950	7 679509 657- 64	0792 5512 645532	B 610204 634711	No second	B-784— B 467421		B-853— 468434 587752	468501 587754
197245 197250 508_B	354101 354113 B 62283 330621 330750 63371	4 622851 B-659— 48	2841 722869 1798 481802 2239	718— 534800 719— 65997 117001	534822 66000 117075	B 604804 945208		B 388775 B 394332	
B 691802 691803	332076 332250 B 67111 237501 338869 78737	6 671125 85 1 98	2921 852990 3251 986330	B-720— B 270071		B-785— 129639 B 241239	129660 241242	B-854 320171	814593 320250
429— 222053 222343	339751 342790 B-591— 58875 354648 354875 B 64200	66 588930 98: 99 642014 660— 18:	8910 989250 8619 188657	B-721-B 413113		786— B 291689 119251	119367	B 425724 B 566270	425725 566290
874733 874759 599—	870124 870176 B 69300 713907 713919 95487	8 954893 68	1173 1572 681574	B 284181 B 335502	284217 335504	135996 338928 658357	136185 338934	855— 92366 856— 161768	92401 161769
647421 647474 B-510 B: B 693709 693722 B:	289531 289536 88320	1 883224 93	8291 9064 939090	594417 940939	594420 941199	787— 479594 B 674103	658500 479611 674107	857— 641002 94447 204772	641012 94482
B-434— 173271 173300 B-513—	28978 29022 90940 117231 117275 594— 57228 332585 332586 595— 23000	4 572303 B 40		722— 735042 B-723— 29454 B 289249	29708	790— B 025502 990959	990973	858— 52880 991980	992016
303652 S14 B	469509 469514 B 54630 99339 99361 B 54541	2 546382 95	1430 881557 2660 952661 2028 602 9 32	724— 100822 127607	289275 127677	B-791— 104511 189751	104700 189792	B-859— B 458501	458550
B-435- 130593 515-	946978 946980 B 55125 99339 99361 B 58245	66 551307 846 55 582598 665— 84	8911 847172 1786 64950	725— 945639 486516	745669	B 621901 B 670214	621918 670250	607493 B 607815	607823
B 181501 181506 516-	392882 392893 B 60494 600542 71364	7 605250 12 1 714000 33	1731 124773 1683	B-726— 170459 B 271219	271225	B-793— 318243	866313	860— 751105	719580
784501 784510 517— 436— 686570 686610 P 518	115153 115200 71443 969894 969908 73650 276636 276660 76936	1 737140 666- 34	0651 550758 8884	B 425401 618071	618088	B 429909 B 456151 B-794— 211501	429910 456190 211615	861— 374865 916348 862— 263097	374951 916352 263699
437— 70473 70523 B-510— 465712 465750 B F10 B	465097 465011 83236	1 832364 668- 37	1774 581890 7771 377782	B-727— 367139 728— 97598 B-730—	367159 97609	B 469324 B 606058	469377 606061	863— 841087	669385 841098
B-439- 105902 105949 B	75901 75907 90985 772102 772103 91096 901201 901215 91226	6 910967 670- 79	2303 52327 0010 790014 7919 237925	B 492012 949390	492045 949416	748877 768320	748889 768322	B-864— 15434 165737	165750
B-440- 256313 256320 P 520	973352 596— 26125 600— 51988	50 261256 286	3295 286327 7779 377801	732— 26816 109813	26829 109880	B-795- 868437 163197	868500 163204	B 461416 999001	461422 999066
B 470653 470664 B	221643 221644 601— 11219 284779 284899 54945	68 112200 B-674— 88 B-674		735591 589354	735600 589411	796— 130513 B-797— 192331	130528 102336	B-865— B 428111	428114
732971 732997 521— 749690 749721	642428 642620 63759 773335 773336 8829 0	1 882939 72	1595 721597	643052 959057	643270 959158	B 464460 949095	464480 949098	B 450615 571269	450635 571500
443— 67254 67271 522— 444— 628428 628457 p. see	93100 93103 B-603— 10740 888005 888026 D 66851	1 107442 B-675— 83	3148 996239 2278 832330	734— 511273 821251	511278 821328	B-798— 17352 799— 648973 735237	17383 649033 735239	712988 855751 B-866 — 93751	712989 855790 93795
759784 B-523— B	364391 364396 73648 465182 604— 6815 280629 280646 B-605 — B 904	2 68229 379	1251 134342 0487 379500	B-735— 822392 B 218305	822750 218306	B-800— 311196 B 474909	311202 474914	B 643803 B 694593	643807 694510
B-447— 170859 170887 525—	280629 280646 B-605— B 904 96956 96963 33623 738967 738973 52131	7 336335 72	1331 571410 2314 3011 273018	B 218305 B 351612 517501	351615 517550	B 619203 873337	873445	867— 759237 477292	477322
546007 546018 528-	154397 154477 56291	9 563014 313	3965 314021	746906 779041	746908 779194	970654 B-801—B 92482	970658 92486	B-868— B 534813	534902
B-450— B 731101 721136 531—	556018 556055 607— 13176 8251 8280 B-609— 53656	7 131772 B-679— 3 536577 B 46:	2322 462360	736— 840621 351879	840750 351900	802— 937257 90424	937287 90433	869— B 725905 871396	726363 871460
451— 164002 164051 452— 846622 846651 532—	980931 981000 610— 16915 212086 212152 95823	8 169199 B 609	9369 9362 620390	B-737— 301020 B 474850 738— 377561	301025 474851	B-803— 161251 191185 P 477201	161302 191250	870— 666223 B-871— P 799593	555266 739560
B-453— 533— 535— 535— 535— 535— 535— 535—	241704 241722 611— 37169 703650 703665 62314	8 623151 681- 87	3102 826110 3104 876144	B-739-	377626	B 477301 B 628218 B-804— 324700	477318 628222 324702	872— B 739523 452174 873— 301050	739560 452195 301087
860850 860962 537	731465 731467 613— 71746 270235 270238 96619 144291 144327 B-616— 68862	1 966193 788	3020 8110 788132 3717 183818	B 302179 B 340002 490078	340011 490151	B 749272 806— 126348	749282 126356	730524 B-874— 338489	338516
B-456— 55301 55332 539—	144291 144327 B-616— 68862 125406 125422 618— 7350 230027 13246	1 73551 B-684—		740 582394 709617	582395 709623	B-807— 122840 B 642304	122881 642308	875— 198506 877— 576553	198518 576561
556554 540 1	574406 574450 70467 117967 118002 619— 79599	0 704673 253 5 B 766	351 253458 3247 766327	741— 60277 743— 1711	60293 1712	810— B 693303 577229	693306 577266	878— 109970 879— 57247	109978 57292
	715168 84741		589 982592	730598	739608	811- 117646	117664	713421	

L. U. B-880— B 679805 679810	L. U. 940— 218073 699628 69966			0 B 491251 491609	L. U. B-1237— B 458724 458730 B-1238—366289 366300	L. U. B-1303— B 482276 482316 B-1304—
733527 733528 763250 763251 974488 974603 B-881—B 470701 470703	B-941— 127343 12736 659039 65904 942— 431626 43165 B-943— B 432708 43270	B 462964 46298 941891 94200 975001 97512 B-1004— 70501 7050	B 891596 8916: 0 1077— 91369 9140 3 B-1081—475501 4755 2 854373 8544	5 B 494106 494250 4 B 503565 503630 1 B 574501 574515 0 747351 747409	885991 885907 B-1239— B 317772 317779 B-1240—	B 96564 96600 B 672001 672009 B-1305— B 457228 457255
B 615305 615306 905133 905239 B-882— B 102108 102114	B 802552 80256 B-944— B 281190 28119 B 433534	B-1005-496458 49648	B 378459 3785	9 487616 487670 B 493647 493670	B 113848 113936 B 561436 561750 B 944251 944514 1241— 378797 378810	B 606901 606919 735177 735195 B-1306— B 206098 206110
883— 658419 658430 285919 285931 76801 76806	B-945—B 19106 1911 B-946— 113267 11326 B 473416 47341	B 226049 22605 B 637671 63893 B-1067—	B 388708 B-1085—321800 3218	4 B-1161— B 340175 340186	B-1242— B 102340 102358 B 756802 756934 B-1245— 25467 25500	B 539941 540000 B 880501 880767 B-1307— B 173124 173223
885— 119394 119400 137005 137076 754405 754406 B-886— 18550 18590	B-947—B 618020 61803 B 192452 19248 846102 84610	B-1008—256706 25671 B 353314 B 554912 55496	9 1086— 29491 2949 537346 53744 7 B-1087—365788 3657	3 B-1162— 2 B 340381 340390 B 599473 599600	B 402968 402988 B 412921 413855 461251 461277 468248	B-1309— B 667614 667800 B 817501 817596
152892 B 470111 470115 B 614702	948— 733230 73323 779608 77961 B-949— 9493 991	B 220107 22011 B 353707 B 353707 650489 65055	B-1089— B 370795 3708	9 B 321703 321750 B 346935	B 486745 486807 B 601072 601152 B 695405 695409	1310— 724441 724462 747606 747607 770912 770959
B-887— B 273319 273329 662021 662130 888— 505851 505893	110355 11035 B 555110 55513 B 714183 71453 B-950— 775438 77543	B 527730 52788		B-1164— B 222856 222870	703605 766981 766993 871784 871872 885311 885312	B-1311— 58605 58608 B 456991 456999 B-1312— B 516901 517020
889— 468374 468377 955449 955467 991001 991248 890— 91020 91024	B-951— B 270683 27068 345397 34540 B 478803 47886	8 B 75817 7581 8 B-1012—	B-1093— B 243048 2430	B-1166— B 323553	938786 938953 B-1246— B 465947 465962 B 809412 809589	765731 765734 1313— 318508 318514 751668 B-1314—
266095 266096 951125 951130 66471 66494	B-953— 690282 69950 B 696006 6960 956977 95690	0 147005 14700 4 B 404178 40418 8 972851 9720	7 B-1098— 2 B 155703 1557 4 B 613015 6143	9 B-1167— B 630401 630600	B-1247— 39888 39919 B-1248— B 353461 353486	B 379974 B 757579 757651 B-(315—
892— 323211 125701 125721 738285 738300 893— 172252 172254	B-954— 129965 12996 B 218612 2186 B 351929 956— 716466 71647	B-1014— B 392738 B 630867 63088	B-1100— 41246 412	8 B-1168—734185 734204 11 B-1169—	432350 432375 1249— 801416 801466 846260 846595 879994 880219	B 91343 91358 340364 340397 1316— 107222 107307 775159 775161
894— 824281 824292 895— 80701 80709	B-957— B 263130 26313 732143 73216 B-958—	5 B 225451	B-1101—348569 3485 B 438072 B 487619 4876	7 B-1171— B 391979 391986 B 872277 872458	1250— 180239 180249 1252— 740329 740353 791678 791690 B-1254— 38536 38553	1317— 314582 314720 1319— 772472 772476 827062 827197 B-1320—
896— 496552 496555 639798 639884 897— 125299 125382	B-961 — 339141 33916 B 744247 7442	6 B-1016— B 90088 9010	3 B 239013 2391 7 B 280088 2800 7 1105— 583163 5831	7 806360 806382 1173— 723383 723385	B-1255— B 167836 167847 B 486582 486695	B-1321— B 578162 578250
898— 761625 991570 9916.4 B-899—	B-962— B 152849 1529: 729232 72921 B-964— 321924 32196	2 B-1018— B 269090 26909	B-1106— B 34460 345	B 456980 456998	191251 191429 B 776611 777000 B 870001 870641	B 601801 601810 B 879751 879867 B-1322— 94093 94142 90153
B 100647 100663 900— 246462 246488 B-901— B 285057 285110	B-965— B 117357 1173 B 118373 1183 B 119875 11983	4 B-1021—668232 66823 2 B-1023—55938 559	5 B-1107—369491 3695 7 B-1108—459671 4596 7 B 476410 4764	B-1178— B 622539		B-1323— 54841 54897 709408 709415 B-1325—
902— B 350276 350284 179764 179786 903— 69658 69725	B 120679 1206 B 121427 1214 B 122141 1221 B 124127 1241	4 1024— B 612301 6123 4 1024— 518604 5186	B 254027 2541 B 633940 6339	95 B-1181 —118304 118320 B 758524 758525	B-1261-552659 552700	B-1326— 121501 121547 941229 941250
942039 942120 960167 960167 344927 344944 B 636166 636224	B 125195 1252 B 125770 1257 B 126475 1264 B 127281 1272	6 B 272833 27300 2 B 526598 52660 4 B 816001 8161:	8 501716 5017		B-1262— B 149004 149020	B-1328— B 466771 466790 B 596811 597000 B 698016 698160
B-905— 108301 108308 B 267881 267883 440887 B 642221 642297	B 127958 1279 B 128916 1289 B 129644 1296	7 B-1030— 1 B-227341 2273 2 B-484181 4843	3 B-1116— 2122 2131	34 183731 183750 396389 396397	B 819751 819777 B-1263—328755 328774 1264— 736898 736913	B-1329— B 374970 375000
B-906— B 477901 477903 721152 721173	B 385975 3859 429432 4294 761906 7619 762932 7629	4 52375 523 7 333001 3330 4 542688 5426	7 III7— 744082 7440 7 B-III8— B 97328 973	97 B-1187— B 623741 623742 B 672322 672336	B 476706 476708 B 627608	B-1330— 140261 140293 B 663568 663750
B-907— 636796 636809 B 911681 911698 908— 119901 119930	763487 7634 763847 764193 7641 764411 7644	1 B-1034—644330 6443 B 674725 6747 7 B-1036—382341 3823	B-1119— 134524 1345 B 81225 812	32 B-1189— 714604 714608		1332— 1333— 352651 352656
B-909— B 234893 234899 956834 956880	813252 8132 812138 8121 812508 8125	7 B 616802 3 1037— 786191 7862 5 B-1038—	5 B-1120—B 1251 12 725882 7259	77 B 608171	B-1268— B 99421 99438	B-1335— B-639961 640301 B-1336— 94566 94568
910— 707416 707423 729105 729186 911— 1 13 82437 82500	814143 8141 815709 8157 B 904982 9050 B 906078 9060	9 B-1039 — 0 B 268677 2688 5 786161 7861	B 341276 3412 965958 9659	17 B 213484 213564 B 313766 313777 821538 821598	B 361388 361389 B 403576 403579	B-1337—B 217157 217195
B-912— B 454208 454209 566289 580681 580720	966— 574781 5748 967— 90188 902 968— 552178 5522 B-969—	1 B 513451 5134 2 B 615261 6157 758251 7587	550293 5503 B-1123— B 726618 7266	25 609822 609826 1195— 591360 501373 B-1196—	B 423301 423382 B 453301 453364 954283 954298	B 393049 393050 B-1338— B 654201 654402 B 1339— B 163487 163498
913— 731856 731884 914— 568653 568694 B-915—B 91926 91933	970— 378321 3783 655514 6555	5 B 198133 1981 3 727143 7271 B-1043—101421 1014	1 B-1125—326126 3261	24 B 485059 485211 27 B 395253 395271	B-1273—970404 970406	553240 553396 B 735001 736500 B 736145
B-916— 24720 24723 B 589392 589310 917— 873861 873936	B 212064 2120 715061 7150 B-975— 243 2 B-979— 27092 271	77 1044— 77101 771 0 113986 1140 11 B-1045 —105306 1053	B-1126— B 196246 1963	86 B 936751 936850 84 B-1199— B 643207	B 230097 231000 B 617251 617394	1340— 945438 945450 B-1341— B 78441 78456 B 408034
918— 909256 909315 918— 118278 118293 919— 255849 255856 920— 810604 810644	B 276745 337259 3372 B-980—	520051 B 613521 6135 B-1047—169800 1698	B-1127— B 591031 5910 B-1128—	885001 885001 972451 972451 B-1200—	B-1277— B 209190 209192	B 436260 436262 B-1342— B 485389 485433 B-1343—
B-921— B 497422 497426 B 648547 648750 B 666001 666513	B 347916 3480 B 413472 559747 5597 B 753751 7537	B-1048— 91836 918 0 335316 3355 B 352026 3520	30 B-1129— 30 B 330371 3303 30 B 636596 6366	72 B-1201— 99611 99610 B 639901 639901 947251 947270	B-1278— B-687601 687628 B-1279—	346559 346563 B 679217 679231 772961
922— 449910 449941 923— 192284 192393 924— 343942 343945 B-925— 120068 120078	B-981— 388548 3885 412920 B 727578 7275 B-982— 118215 1182	9 B-1049—347589 3476 B 558541 5587	09 B 729301 7295 B 748301 7487 B-1132—	90 B 546274 546708 B-1203—316101	B-1280— B 902101 902125	B 436530 436577 B 681000 681060 B-1345— B 555225 555463
B 288164 288194 B 365451 B-926— B 243211 243216	B-983— B 436506 4372	B-1051— B 97042 970	B-1133—570273 5702 B-1134— B 442572 4423	95 B-1208—726046 72608 B 894704 894750 73 1210— 366564 366580	B 369024 369025 1281— 101125 101137	B-1346— B 410415 410416 B 68178 680203
B 264069 264084 424464 495488 495510	B 455053 4551 B 966751 9670 B-984— B 263841 2638	1 1053— 352326 3523 32 B-1054—369851 3698 973301 9733	B-1137— B-1137— B-1138— B-1138—	25 1213— 647328 64733 694508 69454 1216— 373067 37311	935356 935365 B-1283— 668881 668886	B-1347— B 162511 162526 B 657332 657682 754723 754741
928— 163920 183062 183105 195138 195140 B-929—	B-986—B 90759 907 B 90796 908	6 B 363801 3638 B 445211 4452 B-1059—	00 1139— 344696 344. 271981 2720	81 67 05 05 1217— 857180 85722 912427 91244	B 114451 114457 B 650411 650621 1286— 137711 137735	B-1348— B 446347 446348 B 550797 550824 1349— 719805 719818
B 370211 370276 251012 251017 B 416446 416447 B-930— 87651 87670	B 158046 1581 B 629437 6300 B 630608 6307 B 746251 7465	709030 7090 50 B-1060— B 139207 1392	18 B-1141— B 470953 51 547934 5479	501981 50198 656097 1219— 105535 10553	B - 1289— B 229912 229949 B 371572 371573	B-1350— B 730569 730660 B-1351—
B-931— B 427873 B 651797 651823 B 472202 472204	B 755251 7556 991— 731915 7319 B-992— 93045 930 B 333548 3336	26 B-1061 —208501 2085 16 233852 2340 08 234544 2347	87 B-1143 — 56241 563 00 B 764251 7643 50 B-1145 —617590 6170	50 76 64 1223— 652167 652170 661995 66200 725028 725053	B 624015 624017 B 672615 672620	B 412653 412659 B 540736 540831 B-1352— B 444772 444775
932— 501483 501563 8 616502 616505 484039 757081 757102	B-993— 976260 9763 B-994— B 197002 1970	38 256063 2565 74 B 512844 5130 B 531751 5320 54 B-1065—228943 2289	992523 9925 99 B-1146— B 277245 277	49 654282 65428 669678 66975 54 B-1226—1 05617 10562	732850 732851 B-1293— B 760446 760474 B-1296—	B 548782 548907 B 469173 469200 B 722336 722341
933— 533541 533548 577537 B-934— 808336 808364 920549 920717	995— 123480 1235 996— 368667 3086 B-997— B 331306		B 419119 B-1147— 57182 57 B 86882 863	83 B 528864 B 669099 66912 00 1228— 544114 54419	B 170207 170215 B 653838 654000 B 736501 736599	B 873751 873844 B 433052 433073 B 623487 623589
B-935— 115852 115859 B 280957 280968 B-936— 320889 320890	B-998— B 206838 2068	59 B-1068— B 107799 1078 B 562899 5636	1149— 335898 3350 607131 607	54 1229— 666206 66620 32 930173 93021 1230— 95154 9516	B 396504 396516 B 609979 610056 B-1298—	B-1355— B 446016 B 664218 664351
937— 172800 172838 B-938— 000054 000000	B-1000— B 540908 5405 B 767526 7680	B-1070— B 408369 4084	15 1151— 542107 542 B-1157— B 687304 687:	20 1232— 276205 27621 048284	B 380543 380626 1299— 668180 668193 1300— 62837 62842	B-1356—B 446695 446700 B 727841 728208 B-1357—B 4501 4557
939— B 239854 239902 312872 312883 782368 782376	B-1001 B 438741 4387	B 271783	B-1158—735661 735 B 322565 322	B-1234	1302- 221251 221272	B 5101 5186

L. U. B-1357—(Cont.)	L. U. 1012—873907	L. U. B-16—4870, 893, 896.	L. U. B-130—(Cont.)	L. U. 390—(Cont.)	L. U. 861—374893, 896, 903,	PREVIOUSLY LISTED MISSING-RECEIVED
B 642901 642956 1358— 729946 729967	1012—873907. 1032—542687, 689. 1054—973299, 300.	5023, 5114, 116, 5210, 5588, 5605,	842, 683238, 685398, 434, 444,	456301, 318, 407, 763316, 387, 581,	911, 929. 867— 477296.	L. U. B-1—297037-039.
1360— 730271 730276 B-1362— B 492855 492957	1061—532005-007. B-1098—B 155736-740. B-1102—B 280087. B-1120—B 1248-50.	141175, B 564757, B 803295, 859423, B-18—77596, B 511856,	447, 468, 482, 492, 497, 511, 523, 551, 555, 567, 601, 617,	711. 398—309720, 731-740. 405—882093.	B-868—B 534817. 877—576560. B-887—B 273325.	B-11—B 366303. 55—545081-090. B-251—B 624301, 306.
B 783915 785089 B-1363—	1201-99601-610.	948, B-512183, 184, 678016, 052.	627, 667, 689, 690, 697, 703, 732, 733,	B-412—B 604106, 779788, 415—823483, 490, 496.	662051. 890—266095. 903—942042.	314, B 672903. B-321—467740. B-357—B 284646-650.
B-1364— B 262993 263008	947267, 269-275. 1213—647329, 331. B-1245—B 601071.	23—88065, 172684, 723851, 780860. 25—168300, 302,	735, 758, 768, 799, 817, 824, 825, 856, 858, 868, 869, 885,	415—823483, 490, 496, 426—741586, 436—686607.	903—942042. B-909—B 234899. 917—909269, 281.	589-271285 289 999
B-1368— B 536449 536770	1282—682375-378. B-1385—B 696616-620.	26—725865, 926630, B-31—45646,	913, 925, 929, 930, 938-940, 949, 954,	457—306795, 809, 810. 460—623533.	B-921—B 497424. 926—264079.	B-620—135180-183. B-624—B 311552. 845102, 862514.
B-1369— B 448021 448032 B-1370—	B-1387—B 632720. B-1389—683414, 415. B-1393—B 135773.	35—838005, 075, 38—317136, 526151, 861490.	959, 960, 966, 988, 686012, 014, 016, 955, 084, 088, 103,	B-465—194812, B 440479, 521, 583, 830,	B-930—87651. B-931—501557. 948—779651-660.	762, 872550. 742—102037, 045. B-783—B 467120-130.
B 448609 448644 B 649542 649954	VOID	39—840914. 40—28077.	112, 125, 134, 137, 140, 145, 153, 154,	467—192989. 473—574236.	B-949—9527, 558, 707, 724, 824, 929,	842—84976. 879—712415—416
B-1373— 102634 102641 1374— 131443 131452	B-1-297405, 457.	41—861684. B-46—5538, 595, 631, 405255, 312, 317.	164, 184, 196, 245, 253, 281, 285, 288, 332, 348, 357, 436,	B-474—979311. 475—153509. B-476—B 835474.	B 714210, 222, B-965—B 126480,	B-953—956957-960. B-982—118210. B-987—B 156954.
B-1376— B 273651 273676	B-503529, 530, 558, 760263 (orig), 826671.	325, 333, 364, 394, 406, 424, 475, 546,	526, 588, 600, 601. 145—275322	B-477—176399. 479—360230, 387325,	814145, 150. 970—655516, 519. 982—615050, 053, 100.	B 158006-010. B-1110—B 500546.
B-1377— B 529501 529510	B-3—A 55072, 55086, 55209, 55614.	552, 586, 696, 744, 747, 893, 992, 933,	B-153—B 675995. B-160—B 246442.	372. 480—867103, 104, 147.	B-987—B 158078. B 629511, B 630643. B 755369, 571.	B-1168—945771. B-1187—B 623729. B-1242—350686.
B-1378— B 475810 475818	55617, 55636, 55684, 55814, 55863, 56270,	406009, 098, 102, 267, 379, 430, 448, 484, 501, 534, 716,	494424, 528, 675, B 678071, 128, 133, 174.	B-494—B 474095, 496—824151, 160. B-505—139989, 998,	B-1000-767831.	1264—669766, 773-777, 779, 795, 796.
B-1379— 108001 108006	56276, 56683. 56693, 56793.	825, 886. B-48—47982, 48785.	164—248858, 254494, 520, 532, 619, 802,	140094, 138, 200, 208, 670056, 108,	1004—70501, B-1008—256709, B 554963.	736806, 807, 834, 1271—954279, 280,
212401 B 479101 479120	56794, 56854, 56898, 57074, 57188, 57293,	B 196392, B 776197, 932880, 881, 961915, 962119, 139, 144,	818, 856, 255381, 408, 478. 177—123279, 268344,	170, 218, 268, 299, 580, 851625, 648, B-508—B 124290, 572,	B-1010—527731, 733, 769,	B-1330—140251-260. B-1369—B 448020. B-1370—B 448610-630.
522751 B 629701 629718	57721, 57885. 57943.	598, 671, 989, 963780, 808, 915.	374, 384426, 433, 496, 269130, 376,	591, 739, 780. 516—392886.	B-1028—B 816066. B-1041—615301. 758423.	B 649543-660. BLANK
B-1380— B 476113 476123 B 627014	OA 33588, 33589, 34549, B 20372, 20474.	964055, 067, 095, 107, 313, 400, 477, 525, 580, 636,	473, 508, 550, 743, 859, 874, 932, 270040, 046, 047,	B-519—B 901206. 531—8256. 980951. 542—117977.	B-1049—B 558682. 1053—352327. 1054—973305.	581—419968-970. 855—92384, 385. 996—308667, 680.
B-1383— B 631051 631082	20831, 6585. BW 7800, 7801.	965097, 124, 269, 586, 617, 630, 713, 862, 943, 956,	077, 117, 120, 124, 172, 186, 190, 205,	545—281630, 873019, 077.	B-1061—256213, 262, 299, 300, B 512940,	996—308667, 680. 1317—314585-590, 600, 655-670.
B-1385— B 696621 696636	7802, 7837, 7852, 8015, 8021, 8027, 8097, 8104, 8211,	862, 943, 956, 966113, 140, 183, 258, 287, 313, 365,	213, 284, 293, 295, 297-301, 306, 701, 723, 787665, 672,	547—129172. B-555—B 465994.	958. B-1068—B 107809.	B-1385—B 696624, 628, 632.
B-1386—682801 682875 B-1387—212701 212706	8264, 8495, 8591,	931, 939, 954, 967152 182 290.	797. 185—12009.	559—150018. B-569—459905. 577—882631, 635, 653.	562914. B-1076—B 891600.	PREVIOUSLY LISTED VOID—NOT VOID
B 632721 632726 B 683101 683117 B-1389—	B-6—387797, 799, B 598579, 580, B 553543, 547	484, 626, 649, 693, 700, 762, 728, 749, 763, 771, 968379.	186—688755, 696303. B-720303.	583—41051. 589—622848.	1077—91375. B-1088—649232, 273, 456, 464, 466, 471,	B-48-601173, 963411. PREVIOUSLY LISTED
683410 683420 1391— 213042 213052	B 554344, B 559903, B 701518, 609, B 708832, 874, 876.	442, 554, 644. 646-660.	191—453613. 194—72134, 135. 210—650460.	B-595—B 551260, 289, 582479, B-603—B 668698	487. B-1101—348579, 580.	-V01D 26-111405.
109501 109505 523651 B-1393—	967219, 326, 973655, 976247.	B-50—375819, 822, 375797, 55518, 52—550208, 425.	211—82889, 890. B-230—B 414600. 235—574779, 780.	B-603—B-668628. B-605—562940. 618—73525.	B-1110—B 633966, 967. B-1112—B 879894, 966. B-1118—734526. B-1139—271986.	B-46—491457, 493751. B-48—932759, 955477, 958997.
B 135307 135316 B 135774 135777	7—844769 B-9—237757, 852, 907, 887338, 543, 574.	56—742966. 59—960565, 886932.	B-244—B 16881. B-245—B 422711.	619—847453. B-624—852313. 637—191573-580, 650,	B-1118—734524. B-1139—271986. B-1141—808534. 598.	B-108-871749, 870.
108431 108444 B 234662 B 234708 234750	B-11—57033, 097, 64534, 535, 554.	887029. 60—235911.	829636, 650, 731, 830088, 543.	653. 643—358981. 645—91256.	625, 679, 751. B-1164—B 222860, 867.	872033, 152, 844367, 432, 508, 585, 730,
B 881251 881354 B 882001 882078	576, 592, 593, B 105997, B 106024, 061, 063, 084, 171,	B-66—332046, 331194, 313, 377. 80—342472.	263—146214. B-266—B 717440. 268—79327.	645—91256. 648—413277, 293, 298, 427, 455, 485869.	B 524210-215. B-1165—B 496885-894. B-1167—B 630569.	141—78251. 164—85159. 276—141793, 838, 860,
\$84178 884203 884250 888001 888018	B 109007, 023, 054, 091, 228, 236, 247,	90—938053, 165. B-95—614223, 31549, 564, 587, 590, 653.	B-274—308115. B-276—142030, 045. B-277—261694.	996804. 654—30199, 200.	1186—162172, 243. B-1200—B 597932. B-1202—B 546667.	953835. B-277—B 524321.
888751 888988 889501 889834	266, 330, 369, 372, 382, 398, 469, 119797, 803, 849,	96—665552, 586. 99—854952.	563247. 281—312157.	B-659—852989. 665—124742, 761-765. B-674—B 673578.	B-1208—726055, 056.	302—B 542565, 575. 321—B 404847. 390—44267, 538, 818.
MISSING	881, 906, 945, 977, 991, 198537, 550.	B-105—B 283610, 596, 316928.	284—320194. B-289—449077.	996148, 150, 197, 205, 207, 232,	B-1245—25475, 491, 498, B 402979, B 413215, 766982,	925, 45295, 493, 623, 46024, 134338,
B-11—222294-460, 291—182583, 379—708002, 011, 012,	556, 560, 582, 606, 628, 643, 662, 672, 697, 699, 735, 738,	107—127924, 929. B-108—B 115183, 195, 206, 157506, 514,	B-300—559039. B-302—B 541803. Appl. B 544404 413	676—134300. 678—314013, 019.	871868, 938791, 817.	135065, 291391, 433, 736161, 284, 513, 739079, 320,
015. 339—632547.	202211, 229, 236, 239, 253, 256, 265,	158708, 198370, 200513, 530, 781,	B 544404, 413, B 543978, B 544629, 630-634, 770, 755,	683—183748. B-716—135358, 252850, 873, 874, 901, 969,	1250—180247. B-1256—B 776811. 870184.	945, 818318, 338, 628, 845, 873,
445—672982. 448—896768. B-484—B 478505.	212305, 308-313. 315, 320, 216990, 219937, 220022.	202378, 408769. 798, B 656349, 377, 439, 459, 567.	758, 773, 813, 866, 773686, 788318, 397, 922026,	253008, 104, 159, 204, 239, 570, 657,	B-1262—B 655897, B 656165.	819999, 820087, 479, 479—475114.
B 629106. 514—99338, 99351.	301, 222258, 259, 274, 225504, 514,	884944, 980, 982, 888043, 046, 095-	990826, 843, 992755,	676, 862, 876, 822867. B-723—29531-540,	1264—669766, 777, 736806, 807, 834.	B-554—B 153509. 584—805718. 730.
352, 354. B-523—B 465180-181. 571—53212.	544, 554, 594, 610, 636, 641, 651, 653, 684, 688, 689, 705,	099, 103, 104, 106, 112, 115, 121-124, 129, 169, 998719.	309—776677, 982257. 317—126506, 127105,	B 289261-270. 732-26821.	B-1298—B 380595, 597, 610. B-1305—735190.	643—358808, 824. 644—34569. 681—90555.
595—713636-640. 832360.	706, 710, 773, 775, 815, 853, 854, 859,	791, 847, 932. 110—414103, 127,	393, 128386, 129491, 669, 130314, 473196,	B-735—77187. B-744—139690. B-748—271067.	B-1306-B 206104, 105, B 880662 731 751-	744—139535. 760—55511, 567, 569.
B-624—872763, 769, 770, 776, 781, 782, 786, 787, 792, 797, 813, 819, 824, 839,	891, 892, 901, 902, 936, 942, 945, 953, 969, 226011, 035,	360575, 622. B-124—286245, 246, 396, 462, 470,	475675, 707, 719, 883, 511558, 586,	760—85887, 86016, 024, 699499, 570, 573.	753, 758-760. 1310—779917. 1317—314592, 597, 624. B-1328—B 596851, 900.	582, 610, 627, 648, 710, 56081, 85837, 772, 806154, 768,
841, 846, 853, 854,	042 043 053 054	494335, 524. 880122, 193, 198, 233300, 543, 593	722487. B-321—B 772847, 992 993, B 773018.	B-763—937817. B-772—141073, 097,	917. B 698029, 121.	807099, 252, 281, 367, 377, 406, 641, 772—357734, 799—735197, 199,
863, 866, 867.	081, 105, 112, 126, 136, 134, 141, 160, 172, 192, 197, 200, 216, 232, 287, 274	233300, 543, 593, 614, 615. B-125—268621, 622.	322-1863.	099, B 445299, B 631526, 556, 568, 780 —582898.	136, 145. B-1339—553394, 736148, 302, 491.	799—735197, 199. B-848—B 605404.
B-835—B 303331-333. 857—204771.	216, 232, 267, 274, 307, 318, 324, 353, 392, 505, 506, 520,	B-130—90481, 562, 565, 587, 588, 590,	B-327—731595. B-340—813566. B-357—685453.	B-784—945223. 786—136090. 795—163200.	B-1342—B 485420. B-1348—B 550816.	B-848—B 605404. 949—9446, 469. 1024—320967, 518338.
879—712433. B-905—B 267880. B-907—B 911678-680.	545, 330230. B 366349, 350, 442999, 443106.	92660, 667-669, 790, 223521, 527, 529, 532, 534, 600,	R-379-855998	B-817—B 606681, 689 B-818—B 783497, 562.	1357—4501. B-1370—B-448617.	1024—320967, 518338. 1072—955851. B-1110—B 309546 B-1164—B 523967
911—82475. 934—803343, 345, 350,	447480, 448171. 637584, 638319.	616 634 636 663	390—35315, 372, 459, 133840, 135121, 220, 219638,	B-824—B 474606. B-826—B 661295.	B 649727, 776, 805.	B-1245—B 410950, B 486501.
352, 353, 355-358, 369.	640040, 934938, 976, B 952542.	671, 678, 689, 693, 701, 722, 751, 758, 771, 814, 831, 841,	221102, 454506, 528, 455352, 364,	B-837—B 485929, 963. B-848—B 468658.	B1393—B 881256, 889670.	1310—770378. B-1370—B 448528.

SOLDIER VIEWS HIS UNION

(Continued from page 291)

listed, plans formulated for their improvement, and those that cannot be improved immediately because of material shortages, should have money appropriated for their future improvement.

The camp program in which we made provisions for children of our members to attend camp in the summer has been a source of much satisfaction to me, especially since having seen so many thousands of wretched, bomb-shocked children in these countries. It is gratifying to know that a permanent provision has been made to give our children the benefits of a well-supervised camp every summer.

I can't think of any provision that you do not already have in operation that would add to any smoother relationship with management and we certainly have every necessary provision in our by-laws and contract to settle any grievance any member might have if he avails himself of these provisions. Good labor relationship, however, requires good leadership on both sides with lots of work and planning to meet future contingencies. I am confident that no effort will prove too great for you to make in holding up your end of the responsibility and I am hopeful of coming home and finding the local recognized as an outstanding model of labor organization.

ELECTRONICS

(Continued from page 289) the engravers at work, nor does any one engraver prepare an entire plate. usually takes about a year of continuous work to complete one of the original plates. The money never is printed from these originals, but from duplicates made by a mechanical process. If this were not so the difficulty of detecting counterfeits would be enhanced. The fine lines on paper money are made upon the original plates by a geometric machine which has as many combinations as the best safe lock, each combination producing a different design. Until the appearance of the counterfeit Monroe head hundreddollar bill in 1897, it was thought that these lines could not be imitated. The portrait on a bill is regarded as the best guarantee against counterfeiting."

Attractive Union Supplies











No. 2

Price List In Large Variety

Arrears, Official Notice of, per 100	\$.50	Ledger sheets for above, per 100	2.25	Withdrawal Cards, with Trans. Cds.,
Account Book, Treasurer's		Paper, Official Letter, per 100	.50	per dozen40
Book, Minute for R. S. (small)		Rituals, extra, each	.25	Warrant Book, for R. S
		Receipt Book, Applicants (300 re-		
Book, Minute for R. S. (large)		ceipts)	1.75	FOR E. W. B. A.
Book, Day	1.75		****	Book, Minute 1.50
Book, Roll Call	1.50	Receipt Book, Applicants (750 re-		Charters, Duplicates50
Carbon for Receipt Books	.05	ceipts)	3.50	Reinstatement Blanks, per 10075
Charters, Duplicate	1.00	Receipt Book, Members (300 receipts)	1.75	Constitution and By-Laws, per 100 7.50
Complete Local Charter Outfit	25.00	Receipt Book, Members (750 receipts)	3.50	Single Copies
Constitution, per 100		Receipt Book, Miscellaneous (300 rc-		Rituals, each
Single copies	.10	ceipts)	1.75	Attentis, each23
Electrical Worker, Subscription per		Receipt Book, Miscellaneous (750 re-		JEWELRY
year	2.00	ceipts)	3.50	
Envelopes, Official, per 100	1.00	Receipt Book, Overtime assessment	0.00	No. 1-Gold Filled Button Gilt Tie
Labels, Decalcomania (large 11/2",		(300 receipts)	1.75	Clasp 1.00
small 1", fabricating 1"),		Receipt Book, Overtime assessment		No. 2-10 kt. Gold Lapel Button 1.10
per 100	.20	(750 receipts)	3.50	No. 3-Rolled Gold Pin (for ladies)75
per 1,000		Receipt Book, Temporary (750 re-	3.00	No. 4—Rolled Gold Lapel Button75
per 5,000			3.50	No. 5-10 kt. Gold Button Rolled
per 50,000	67.00	ceipts)	3.30	Gold Tie Clasp 1.75
Labels, Metal, per 100	2.50	Receipt Book, Temporary (300 re-		No. 6-10 kt. Gold Lapel Button 1.25
Labels, Paper, Neon, per 100		ceipts)	1.75	No. 7-10 kt. Gold Lapel Button 1.75
Labels, Paper, per 100	.20	Receipt Book, Temporary (90 re-		No. 8-10 kt. Gold Button Rolled
Labels, Paper, large size for house		ceipts)	.75	Gold Tie Clasp 2.25
wiring, per 100	.35	Receipt Book, Financial Secretary's	.25	No. 10—10 kt. Gold Ring 10.50
Ledger, loose leaf binder Financial		Receipt Book, Treasurer's	.25	No. 10—10 Kt. Gold King 10.50
Secretary's 26 tab index	8.50	Receipt Holders, Members' Leather	170000	No. 11*-10 kt. Gold Badge of Honor 2.25
Ledger paper to fit above ledger,		Pocket, Folding, each	.35	No. 12-10 kt. Gold Emblem; Rolled
per 100	1.50	Receipt Holders, Members' Pocket,		Gold Chain Tie Clasp 4.00
Ledger, Financial Secretary's, 100		Celluloid, sold only in bulk, Small-		No. 13-Women's Auxiliary Button50
pages	2.50	est lot, 50	1.50	Jewelry not sent C. O. D.
Ledger, Financial Secretary's, 200		Per 100	3.00	*Our supply of 25-year service buttons has
pages	3.75		.40	been exhausted
Ledger, Financial Secretary's, 400		Research weekly report cards, per 100		
pages	8.00	Seal, cut of	1.00	NOTICE: When present supplies of em-
(Extra Heavy Binding)		Seal	5.00	blematic jewelry are exhausted, there will
Ledger, loose-leaf research, including		Seal (pocket)	7.50	be no more until the government releases
tabs	12.50	Traveling cards	free	necessary metals.

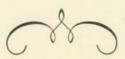
The above articles will be supplied when the requisite amount of cash accompanies the order. Otherwise the order will not be recognized. All supplies sent by us have postage or express charges prepaid.



ADDRESS, G. M. BUGNIAZET, I. S.

1200 Fifteenth St. N. W.

Washington 5, D. C.



"...We believe that democracy's future shall and must be even greater than its past. And to the future ... we pledge all we have to give."

—From "A Creed for Americans" by Stephen Vincent Benet

